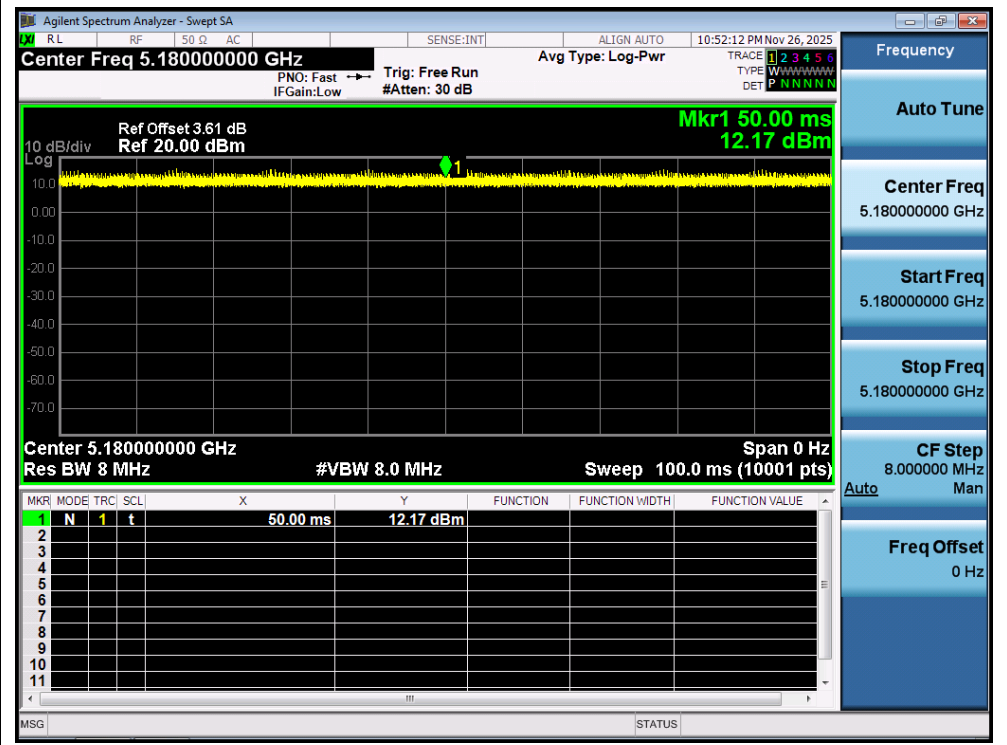


Duty Cycle

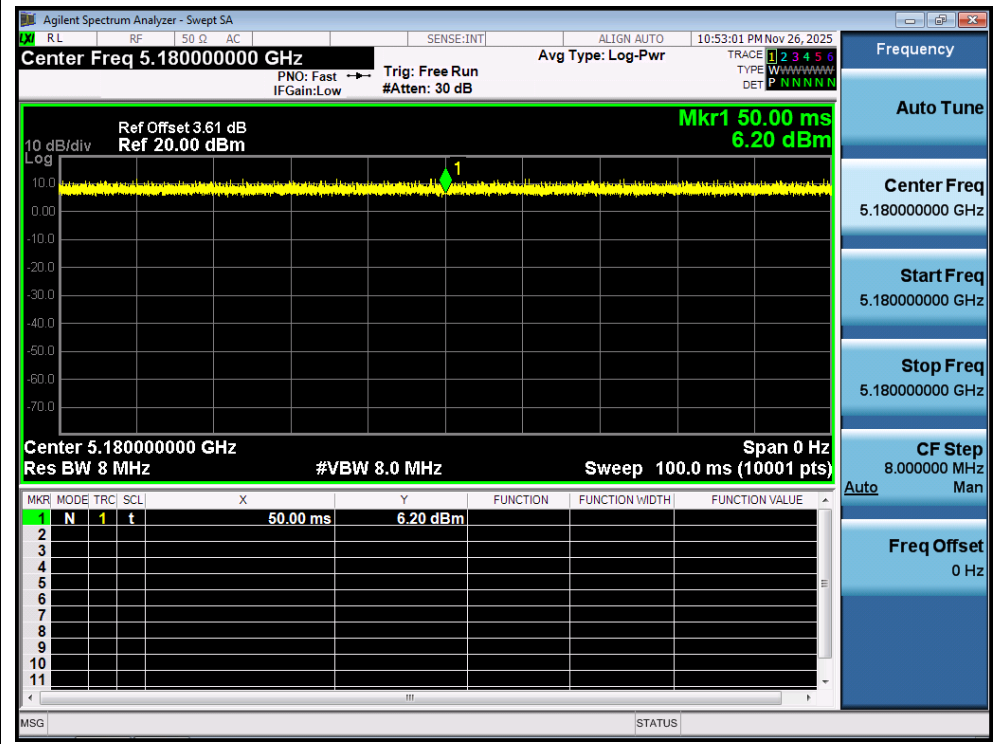
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
	n20			100	0	0
	ac20			100	0	0
	ax20			100	0	0

Test Graphs

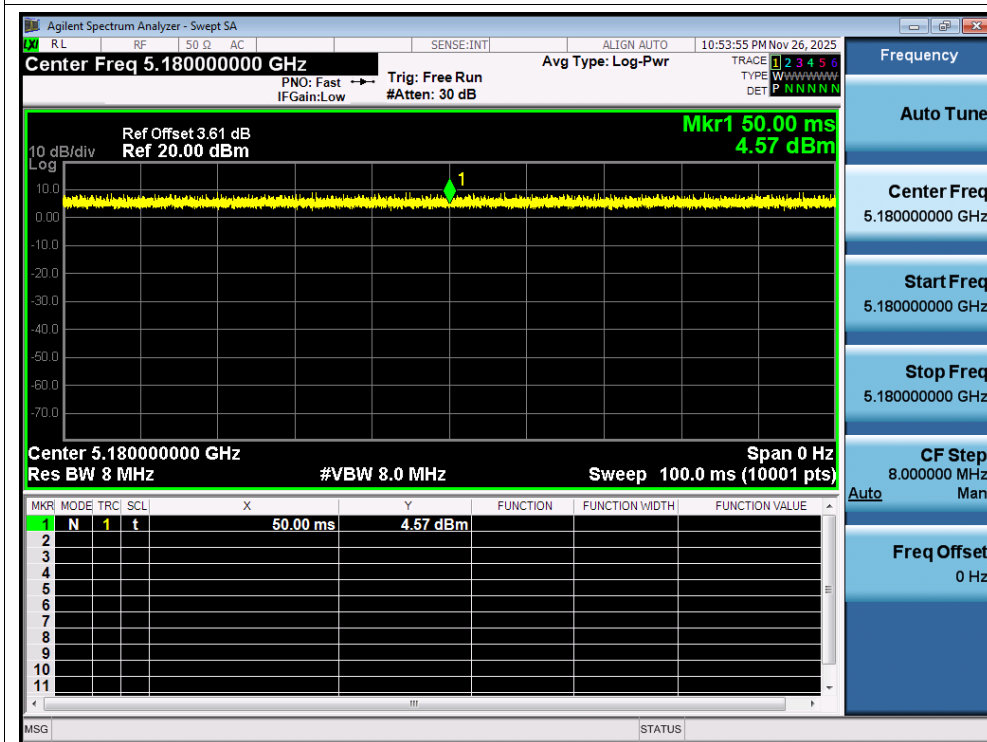
Duty Cycle NVNT a 5180MHz Ant1



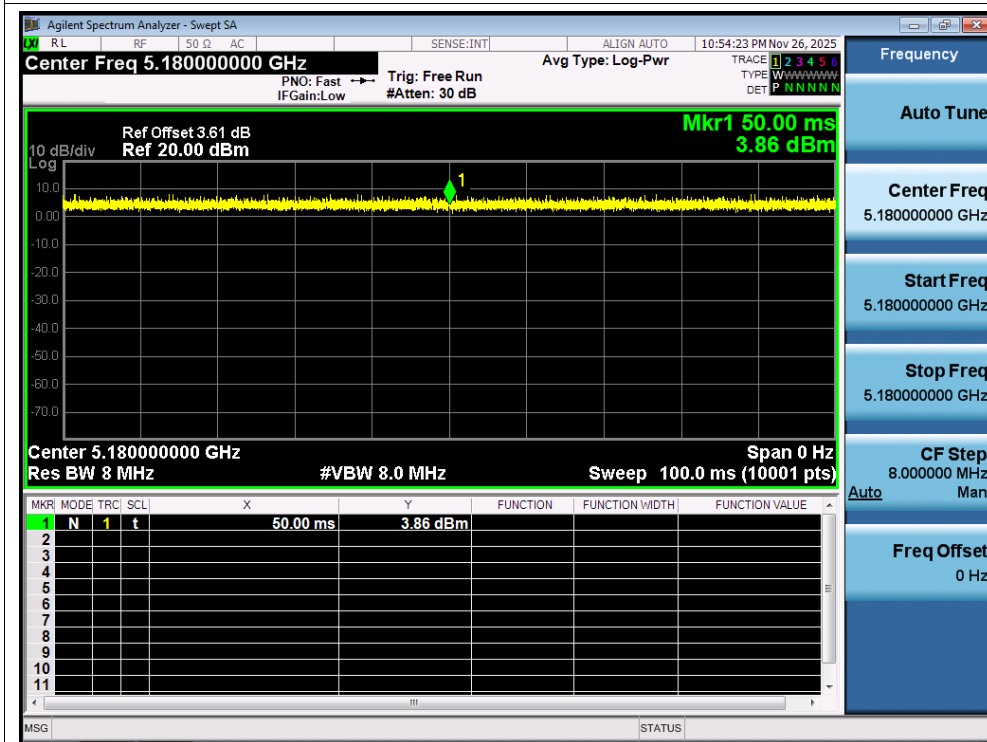
Duty Cycle NVNT n20 5180MHz Ant1	
1	0.000000
2	0.000000
3	0.000000
4	0.000000
5	0.000000
6	0.000000
7	0.000000
8	0.000000
9	0.000000
10	0.000000
11	0.000000
12	0.000000
13	0.000000
14	0.000000
15	0.000000
16	0.000000
17	0.000000
18	0.000000
19	0.000000
20	0.000000
21	0.000000
22	0.000000
23	0.000000
24	0.000000
25	0.000000
26	0.000000
27	0.000000
28	0.000000
29	0.000000
30	0.000000
31	0.000000
32	0.000000
33	0.000000
34	0.000000
35	0.000000
36	0.000000
37	0.000000
38	0.000000
39	0.000000
40	0.000000
41	0.000000
42	0.000000
43	0.000000
44	0.000000
45	0.000000
46	0.000000
47	0.000000
48	0.000000
49	0.000000
50	0.000000
51	0.000000
52	0.000000
53	0.000000
54	0.000000
55	0.000000
56	0.000000
57	0.000000
58	0.000000
59	0.000000
60	0.000000
61	0.000000
62	0.000000
63	0.000000
64	0.000000
65	0.000000
66	0.000000
67	0.000000
68	0.000000
69	0.000000
70	0.000000
71	0.000000
72	0.000000
73	0.000000
74	0.000000
75	0.000000
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77	0.000000
78	0.000000
79	0.000000
80	0.000000
81	0.000000
82	0.000000
83	0.000000
84	0.000000
85	0.000000
86	0.000000
87	0.000000
88	0.000000
89	0.000000
90	0.000000
91	0.000000
92	0.000000
93	0.000000
94	0.000000
95	0.000000
96	0.000000
97	0.000000
98	0.000000
99	0.000000
100	0.000000



Duty Cycle NVNT ac20 5180MHz Ant1



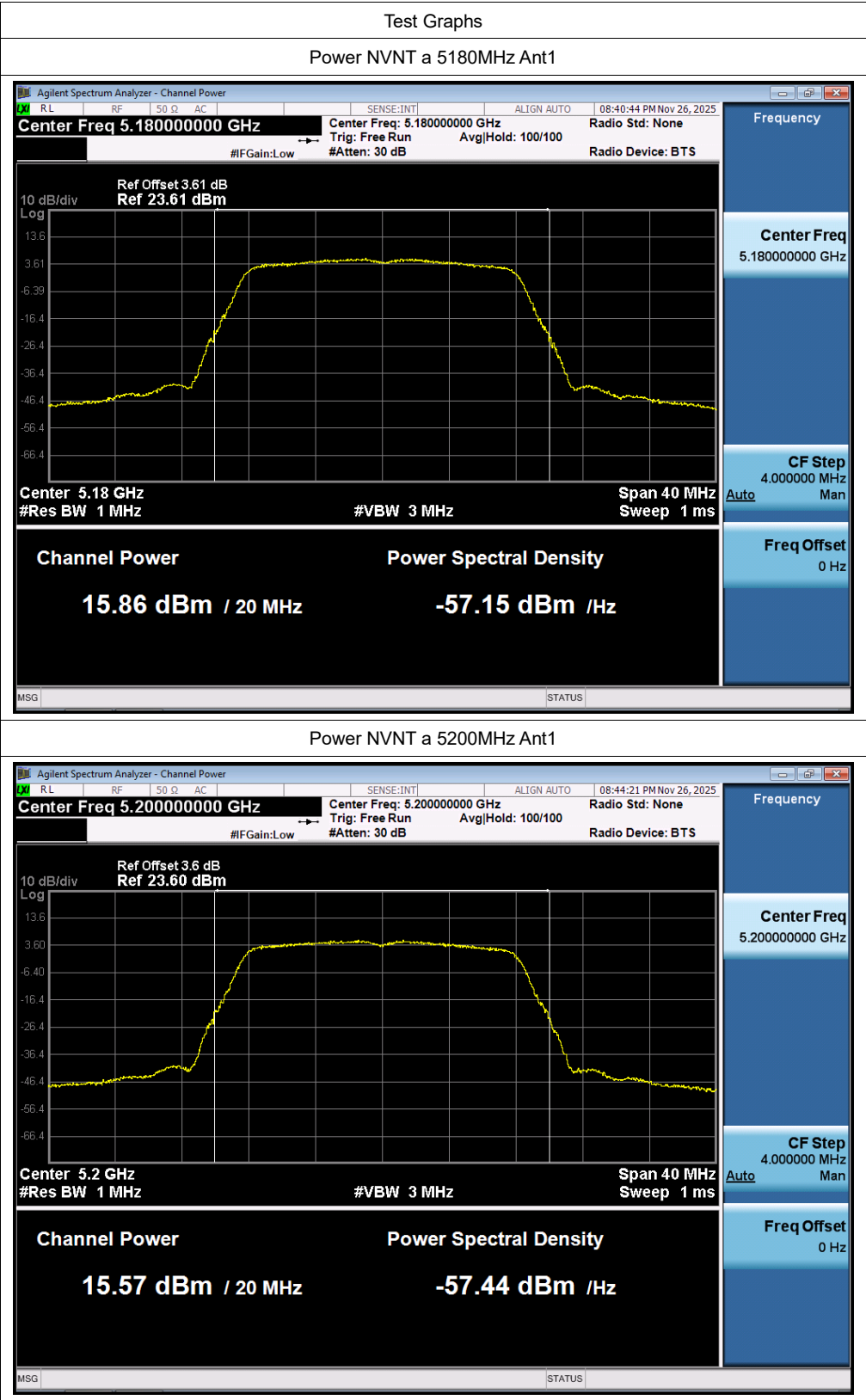
Duty Cycle NVNT ax20 5180MHz Ant1

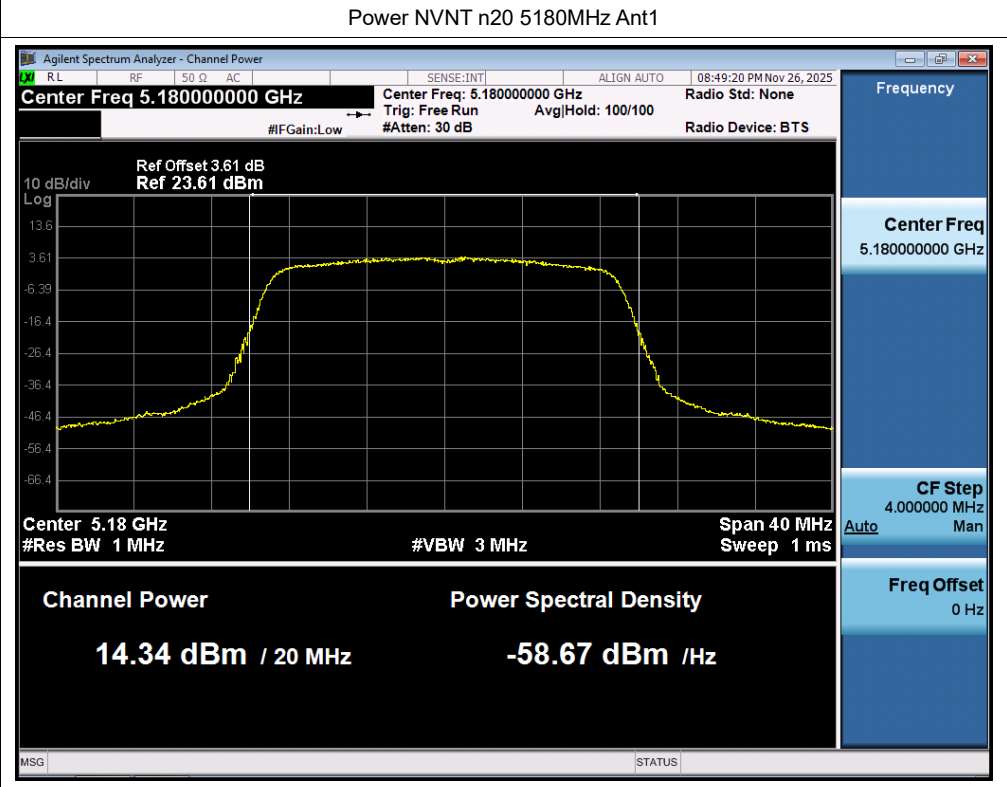
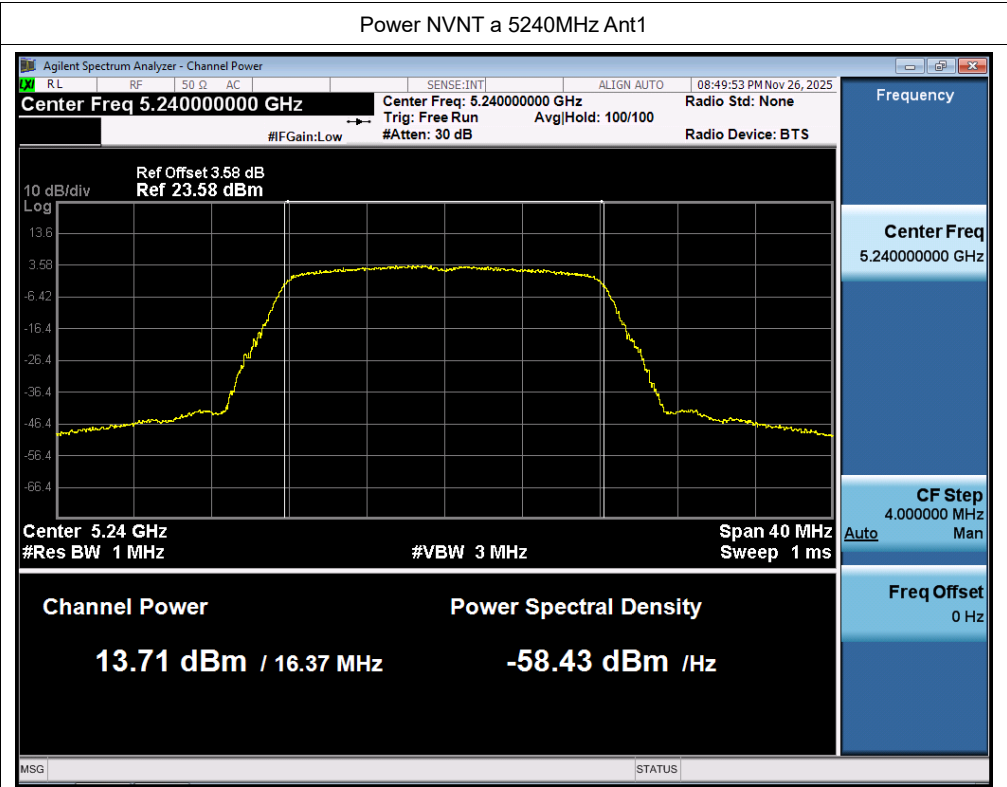


Maximum Conducted Output Power

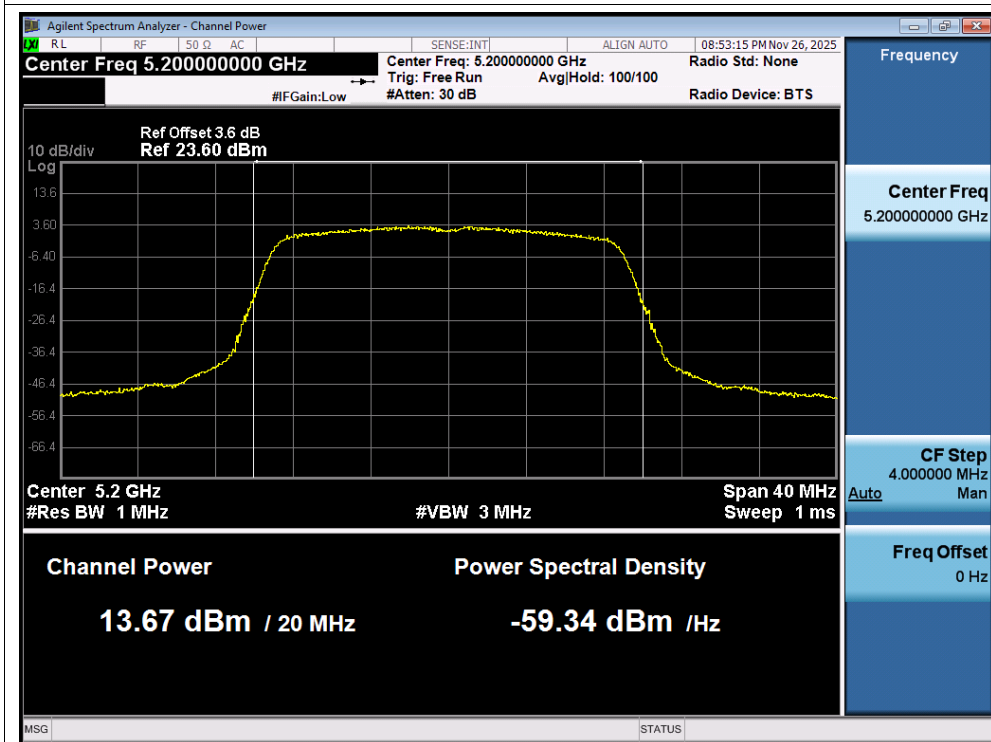
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	EIRP (dBm)	99% EBW (MHz)	10dBm+ 10logB (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	15.86	19.28	16.408	22.15	22.15	Pass
NVNT	a	5200	15.57	18.99	16.444	22.16	22.16	Pass
NVNT	a	5240	13.71	17.13	16.414	22.15	22.15	Pass
NVNT	n20	5180	14.34	17.76	17.556	22.44	22.44	Pass
NVNT	n20	5200	13.67	17.09	17.568	22.45	22.45	Pass
NVNT	n20	5240	12.78	16.2	17.568	22.45	22.45	Pass
NVNT	ac20	5180	14.34	17.76	17.55	22.44	22.44	Pass
NVNT	ac20	5200	12.75	16.17	17.558	22.44	22.44	Pass
NVNT	ac20	5240	12.69	16.11	17.57	22.45	22.45	Pass
NVNT	ax20	5180	13.44	16.86	18.798	22.74	22.74	Pass
NVNT	ax20	5200	13.13	16.55	18.812	22.74	22.74	Pass
NVNT	ax20	5240	13.13	19.28	18.783	22.74	22.74	Pass

Note: EIRP= Output Power+Antenna Gain, Antenna Gain=3.42 dBi

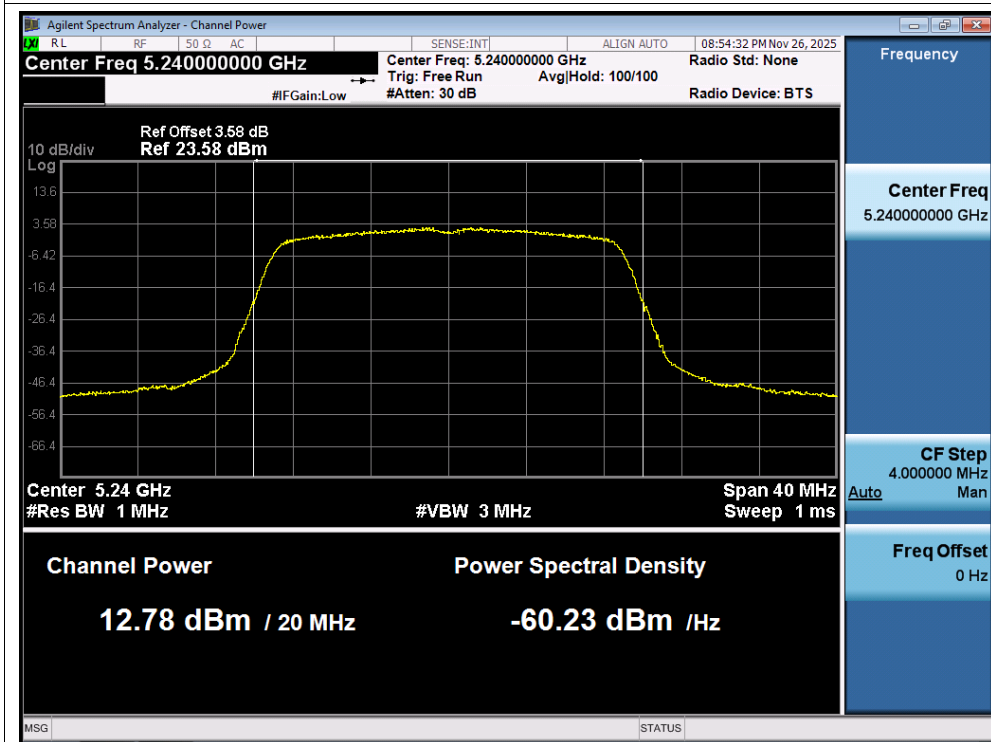




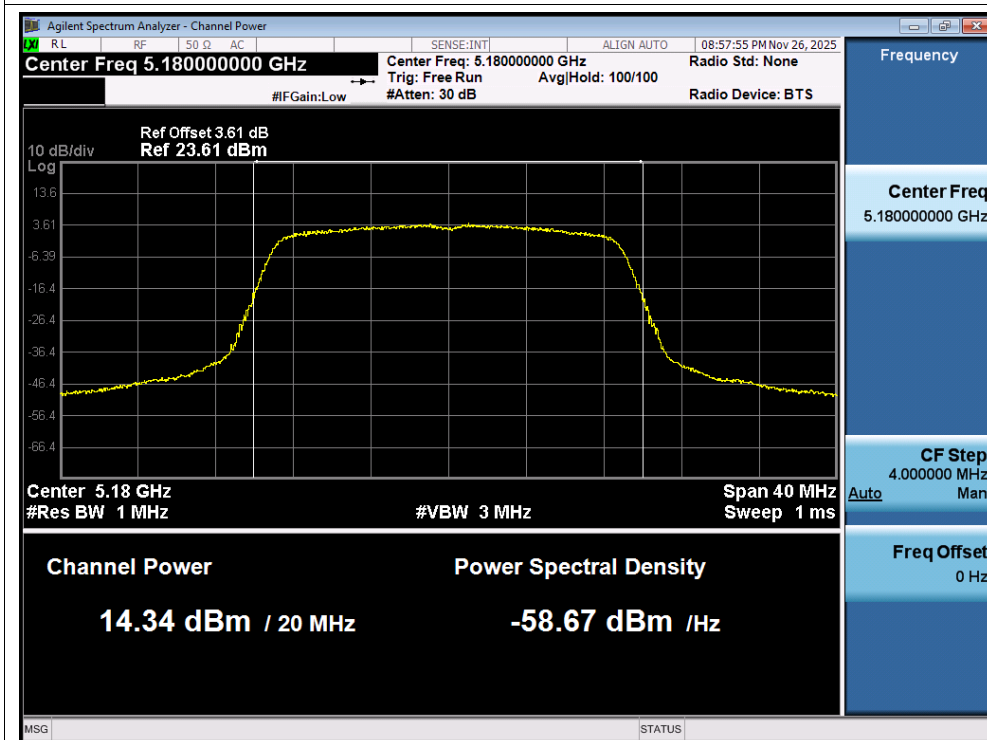
Power NVNT n20 5200MHz Ant1



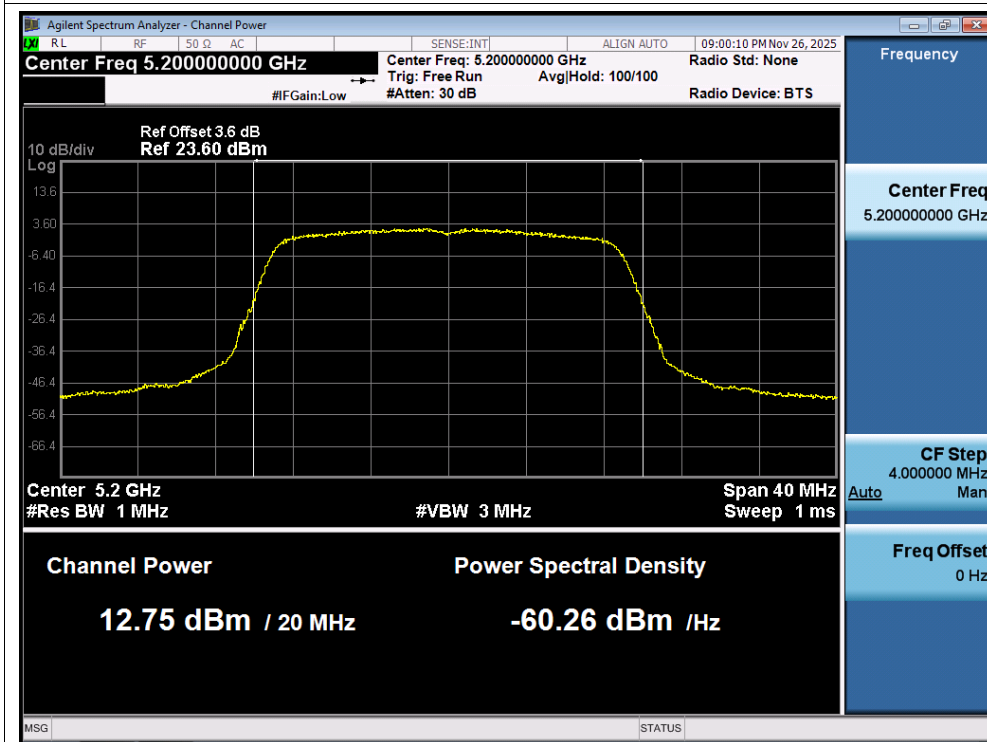
Power NVNT n20 5240MHz Ant1



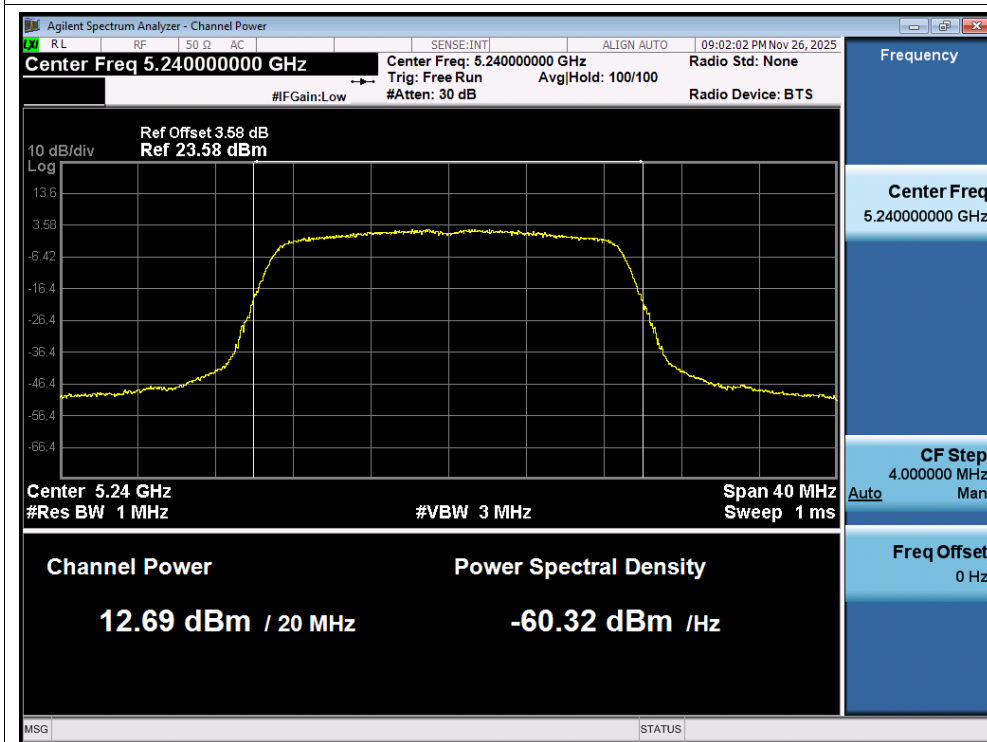
Power NVNT ac20 5180MHz Ant1



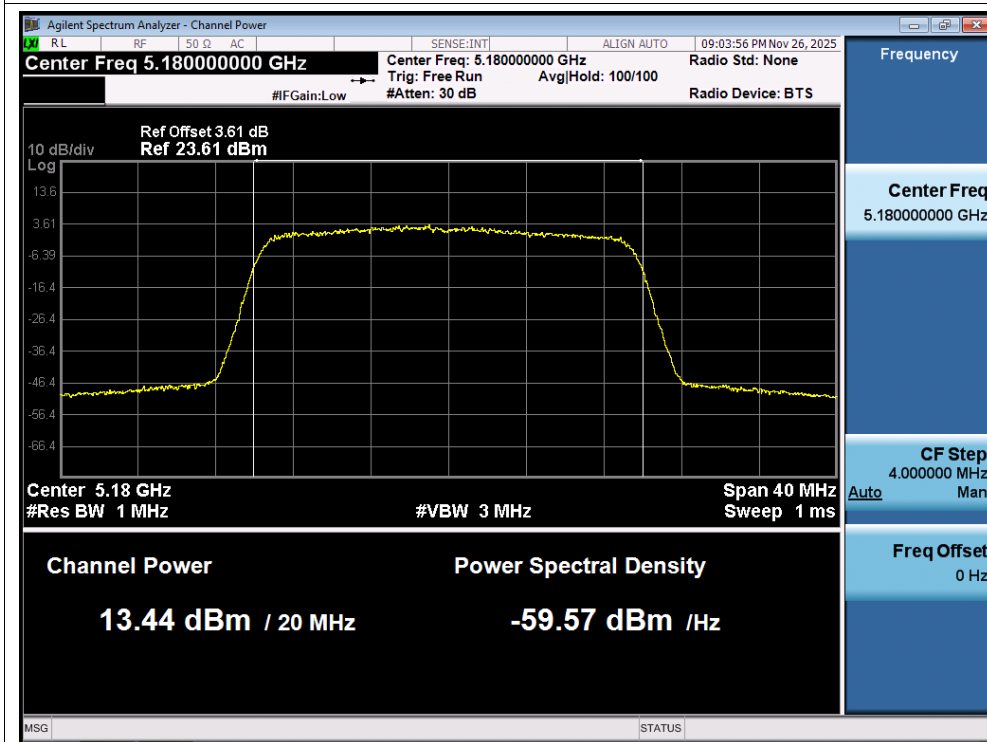
Power NVNT ac20 5200MHz Ant1



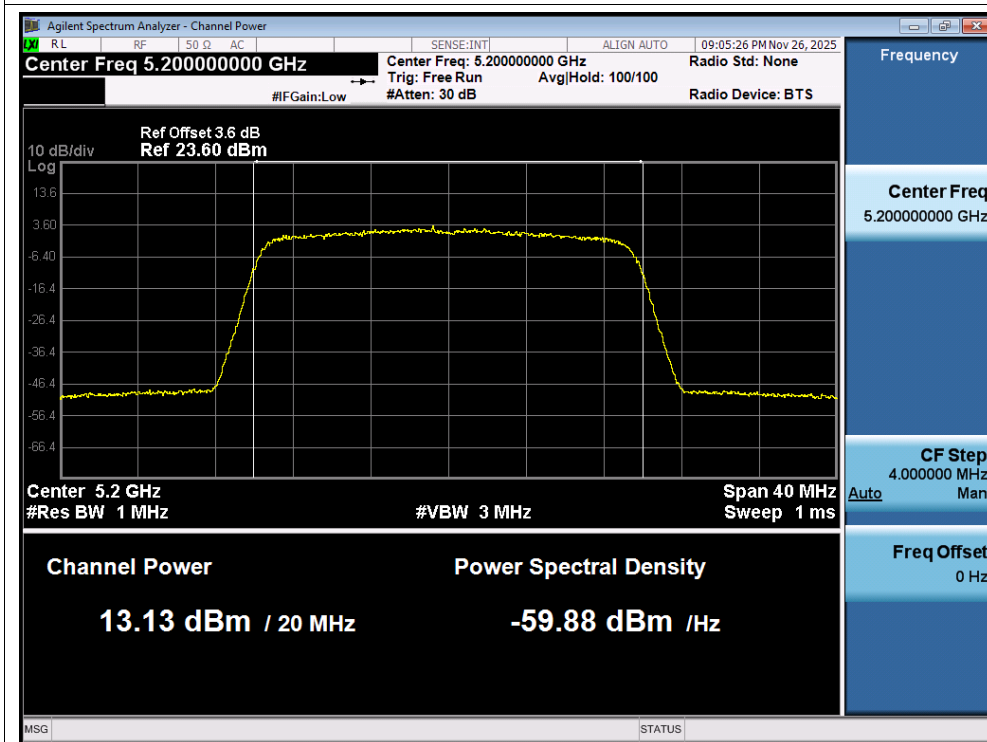
Power NVNT ac20 5240MHz Ant1



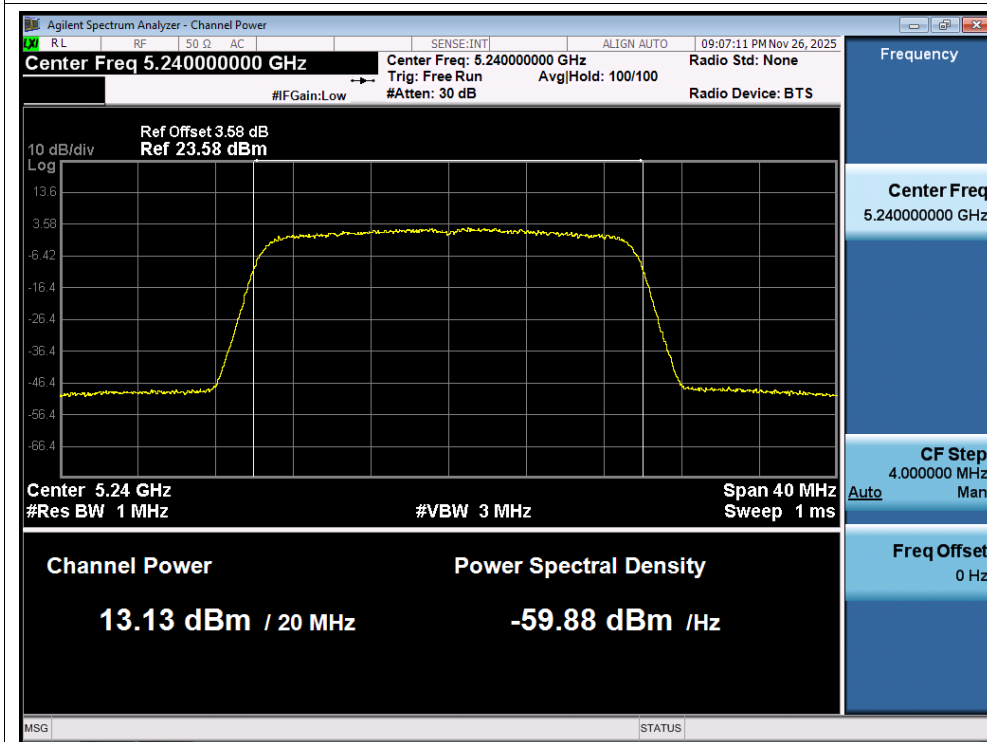
Power NVNT ax20 5180MHz Ant1



Power NVNT ax20 5200MHz Ant1



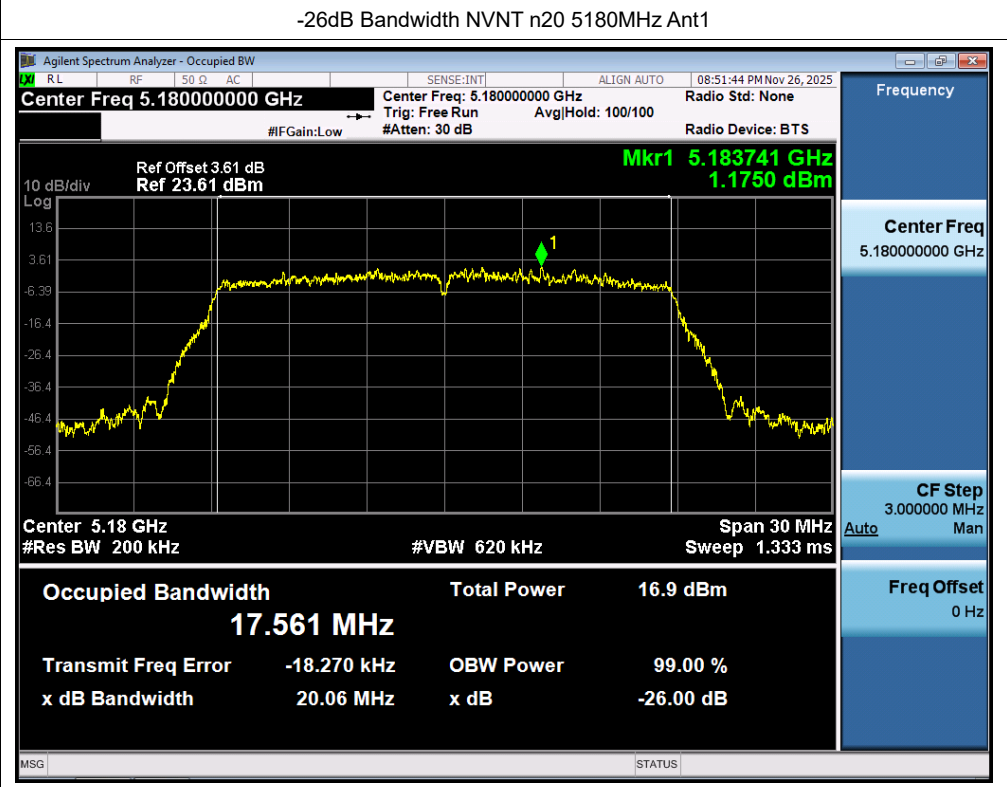
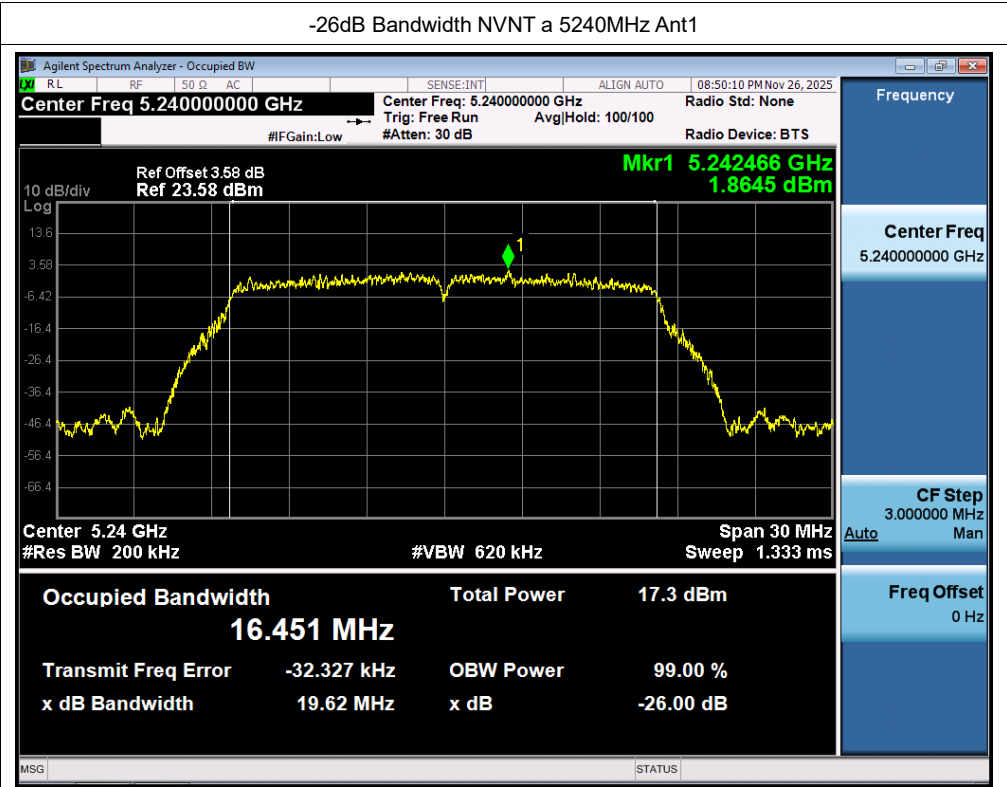
Power NVNT ax20 5240MHz Ant1

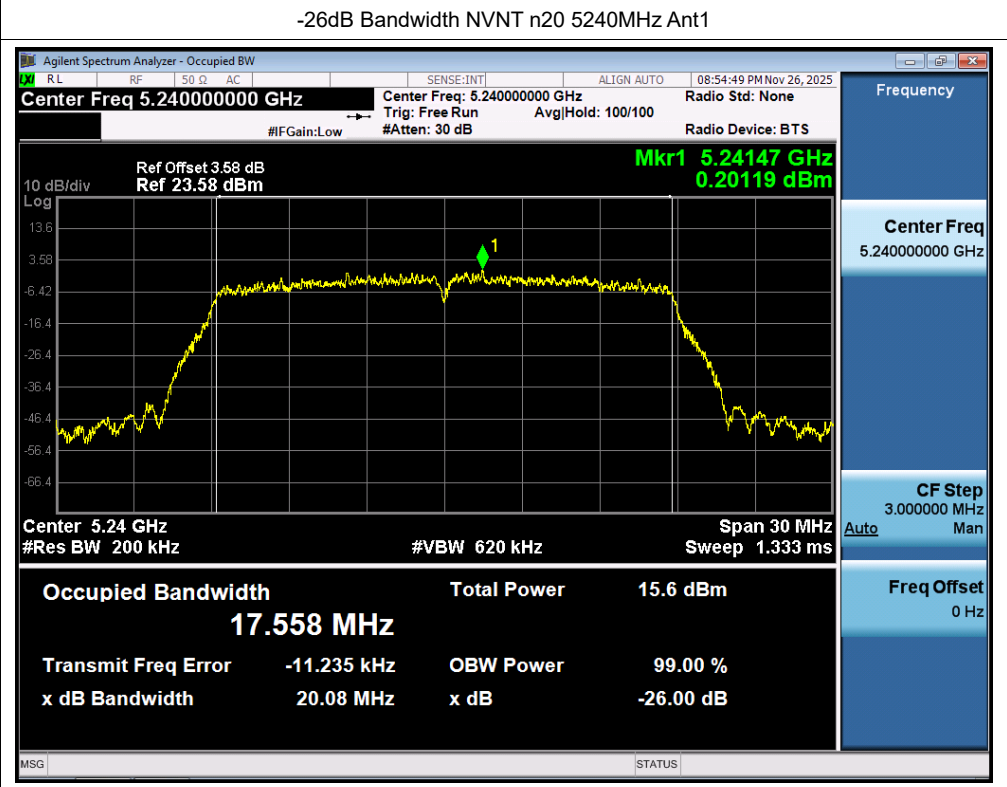
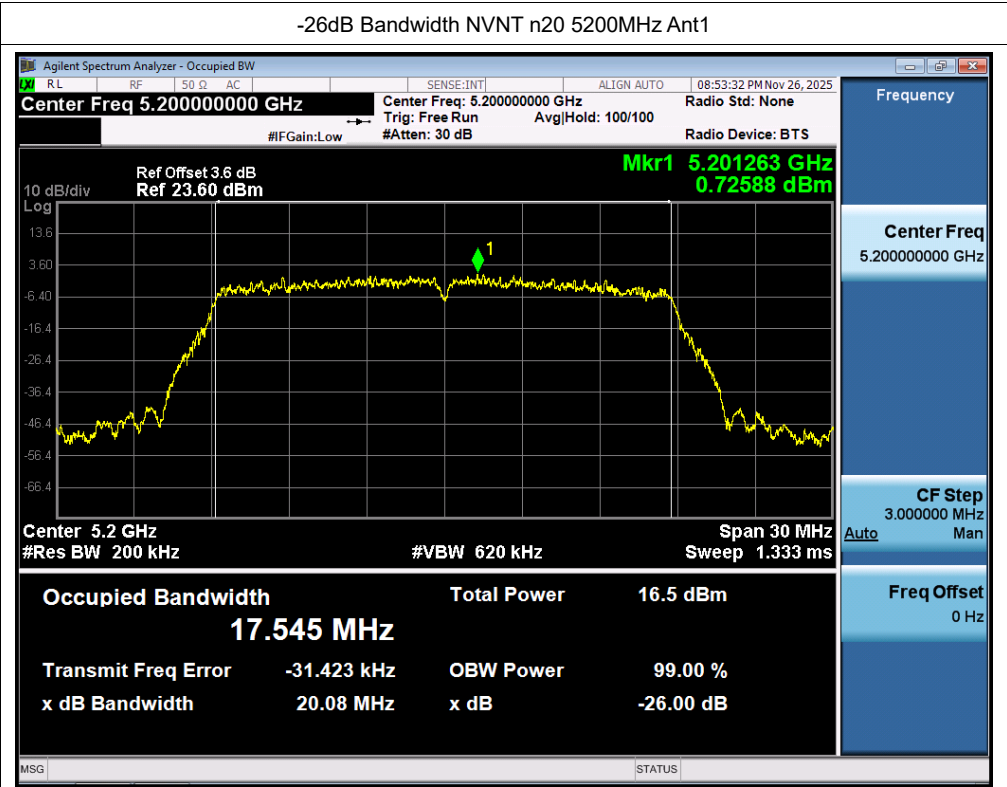


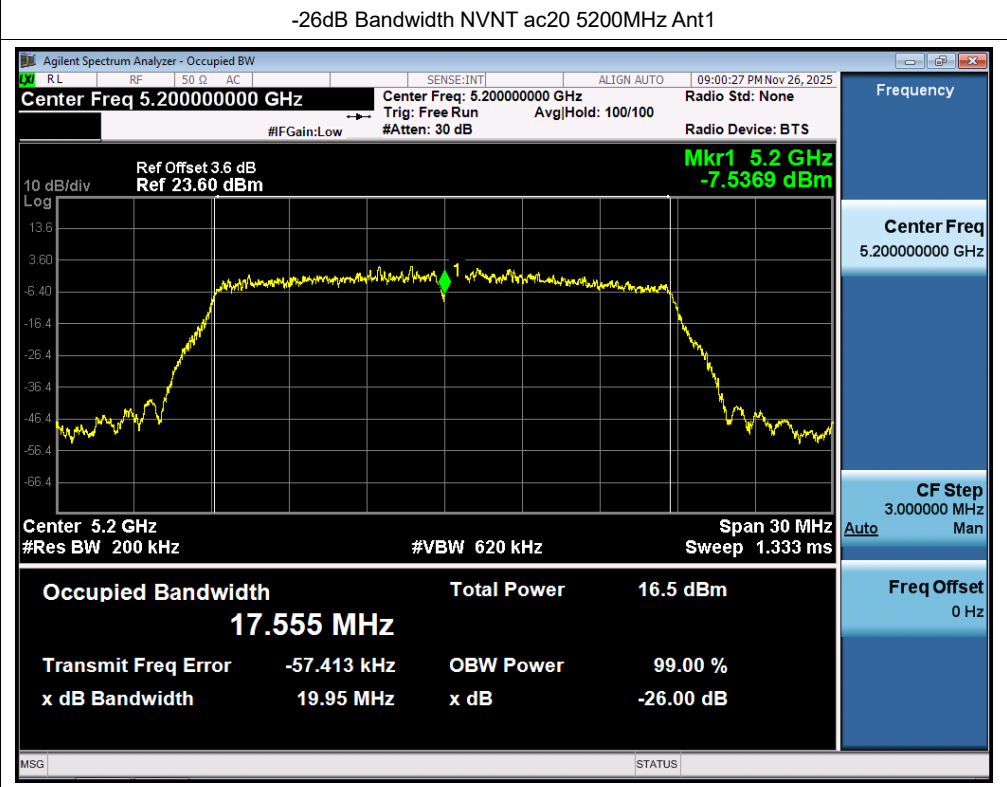
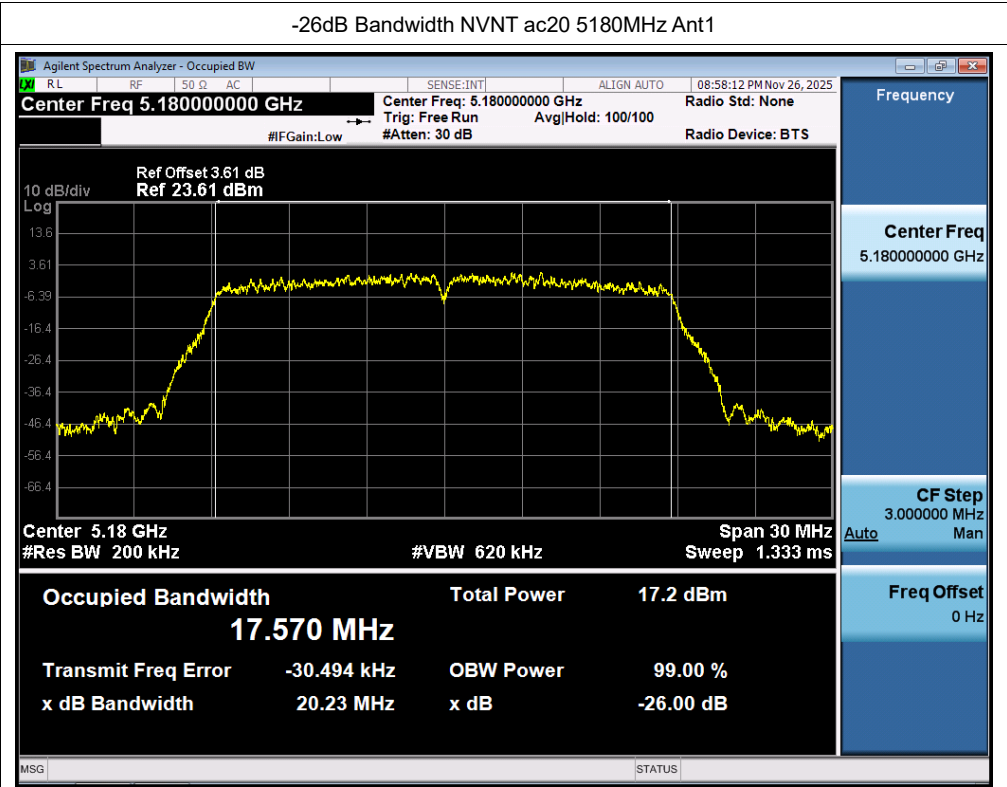
-26dB Bandwidth

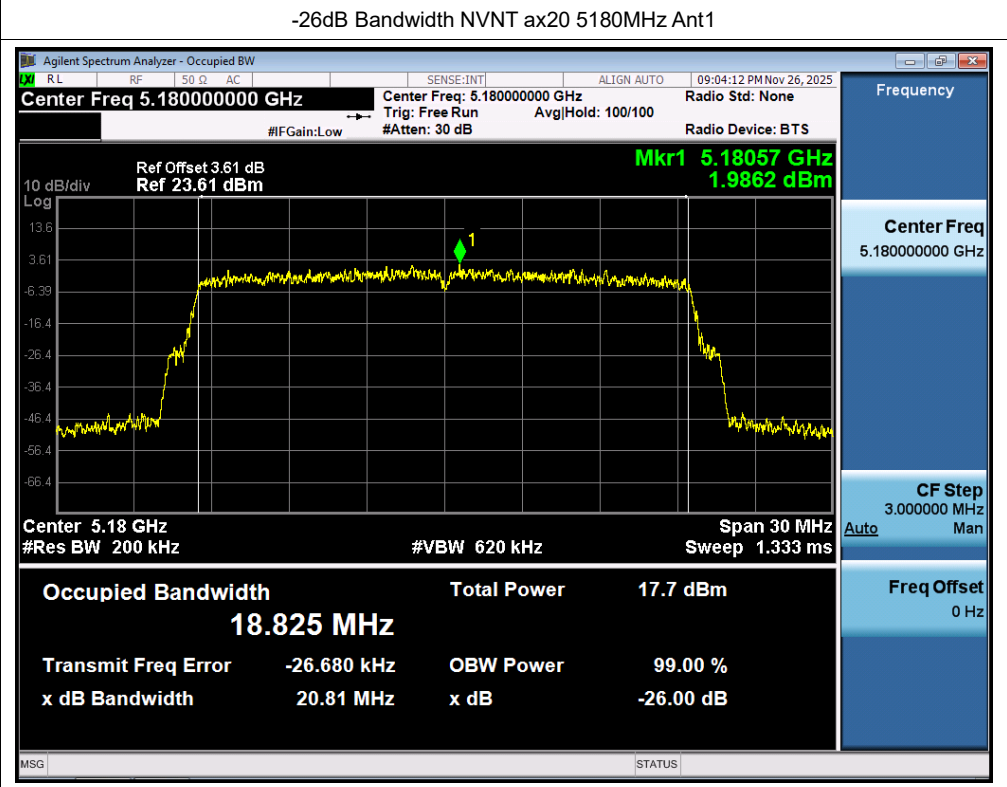
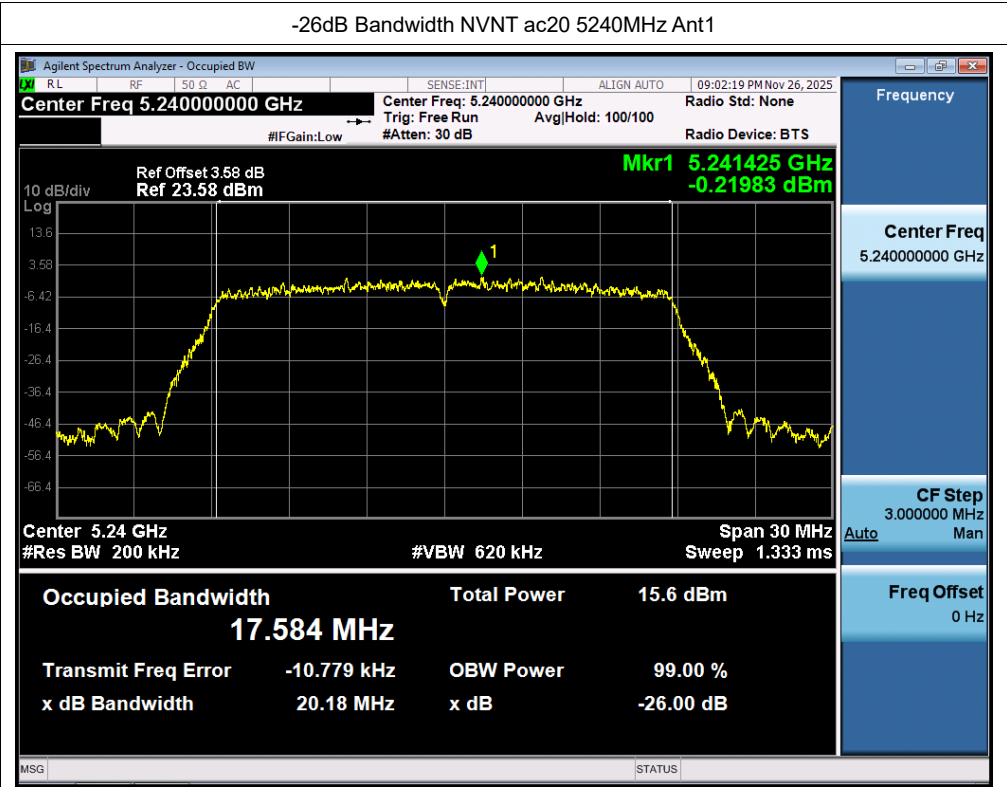
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.423	0.5	Pass
		5200		19.552	0.5	Pass
		5240		19.615	0.5	Pass
	n20	5180		20.06	0.5	Pass
		5200		20.084	0.5	Pass
		5240		20.079	0.5	Pass
	ac20	5180		20.228	0.5	Pass
		5200		19.946	0.5	Pass
		5240		20.185	0.5	Pass
	ax20	5180		20.813	0.5	Pass
		5200		20.764	0.5	Pass
		5240		20.526	0.5	Pass

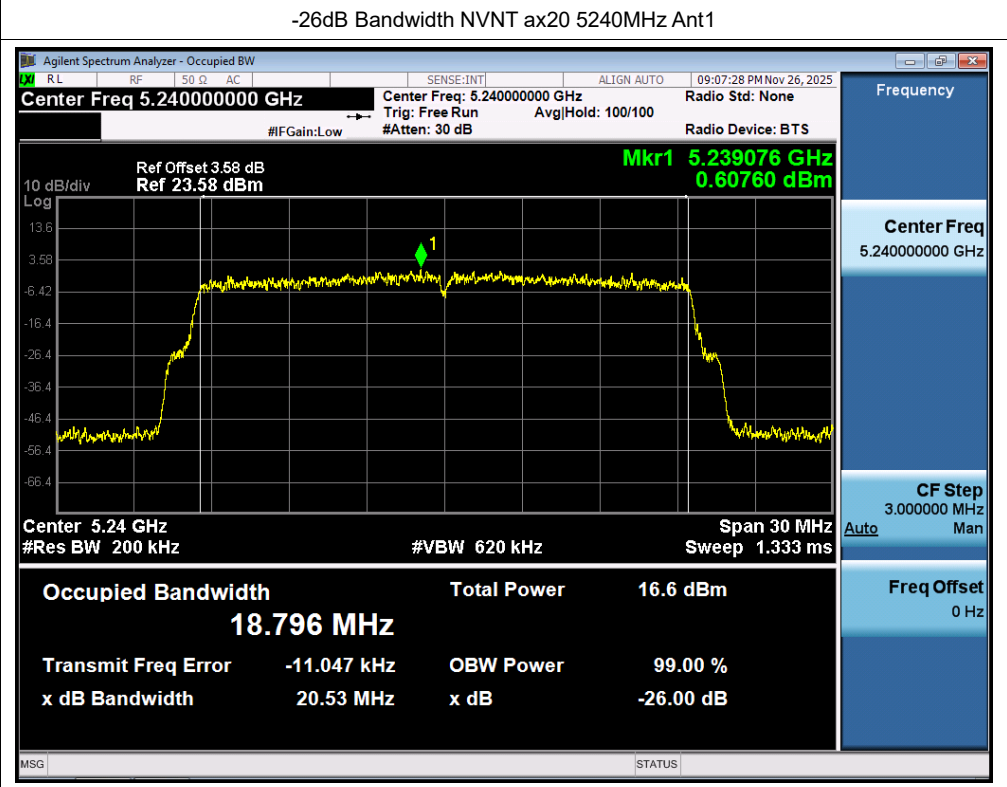
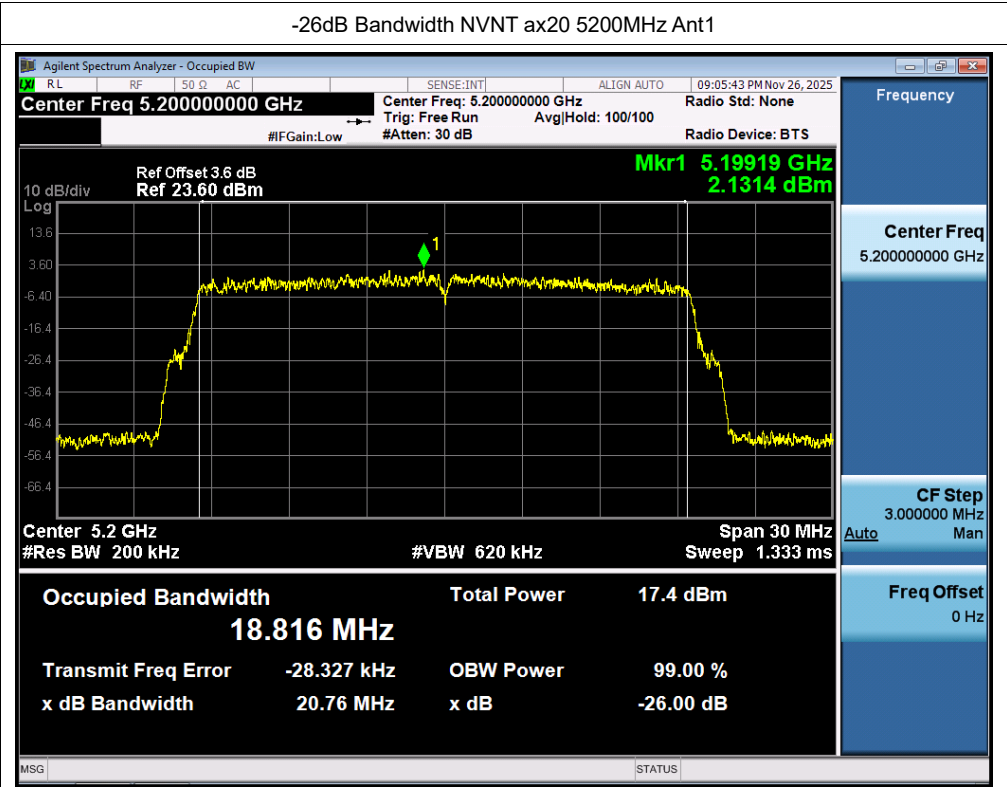






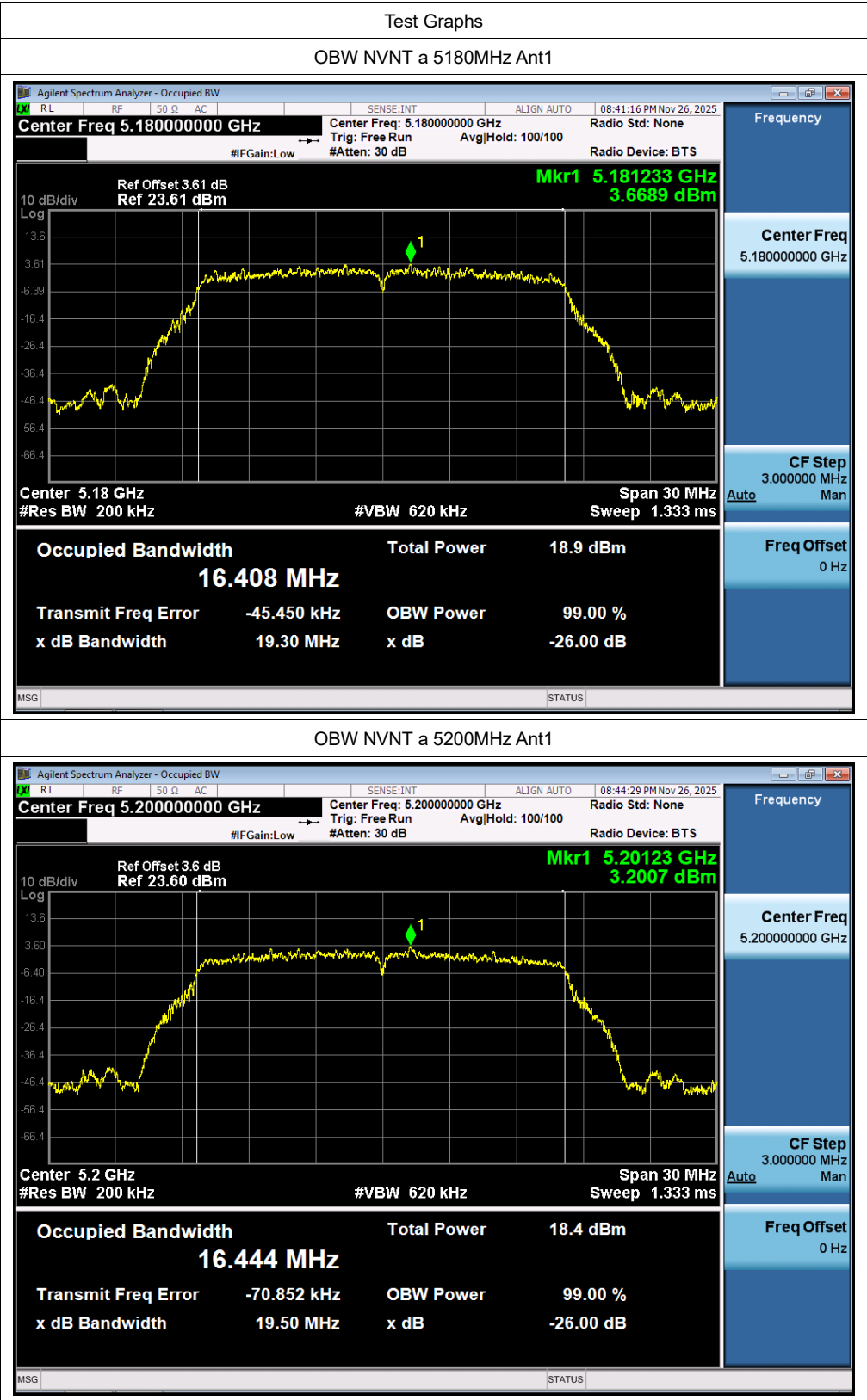


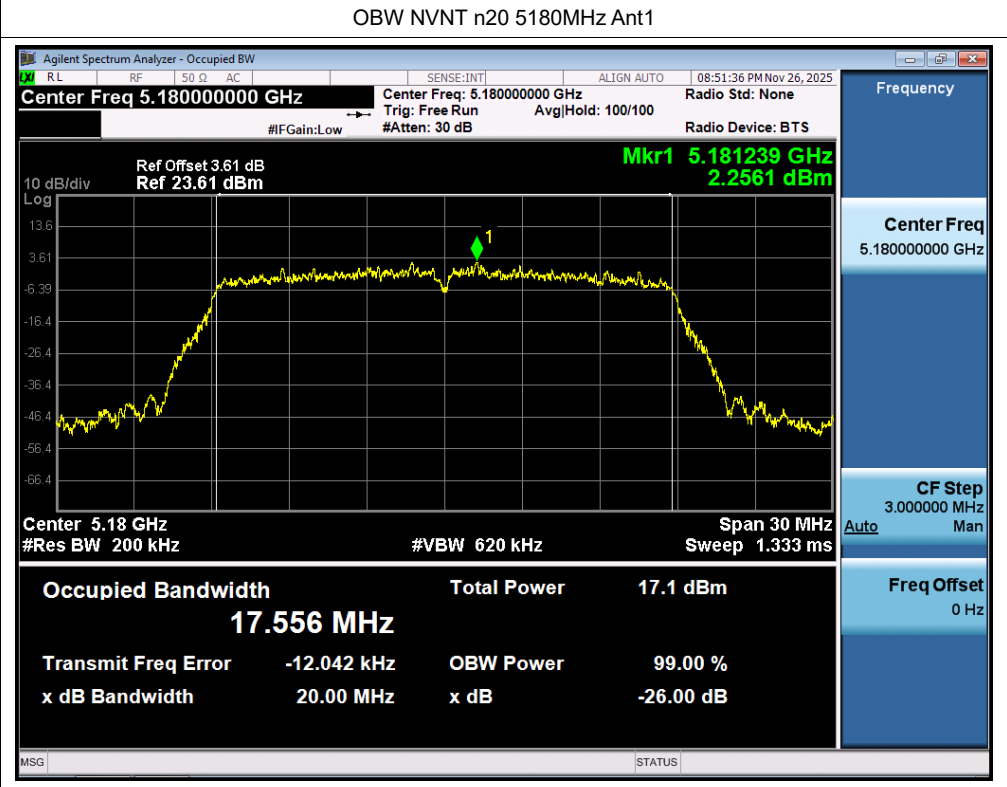
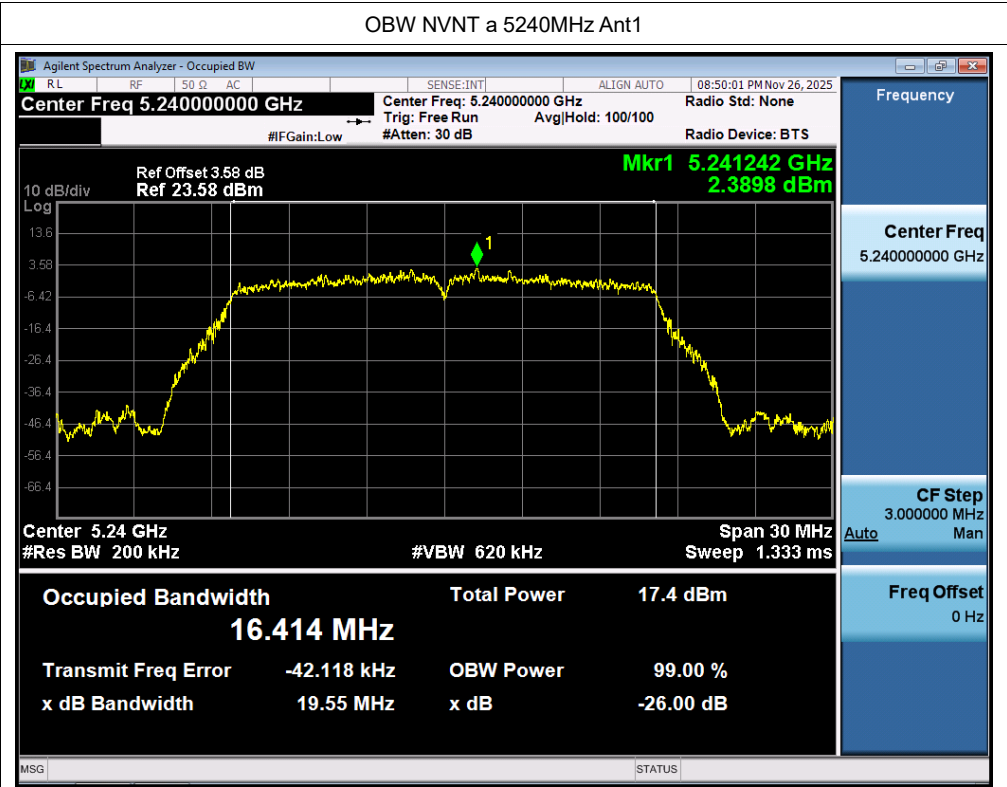


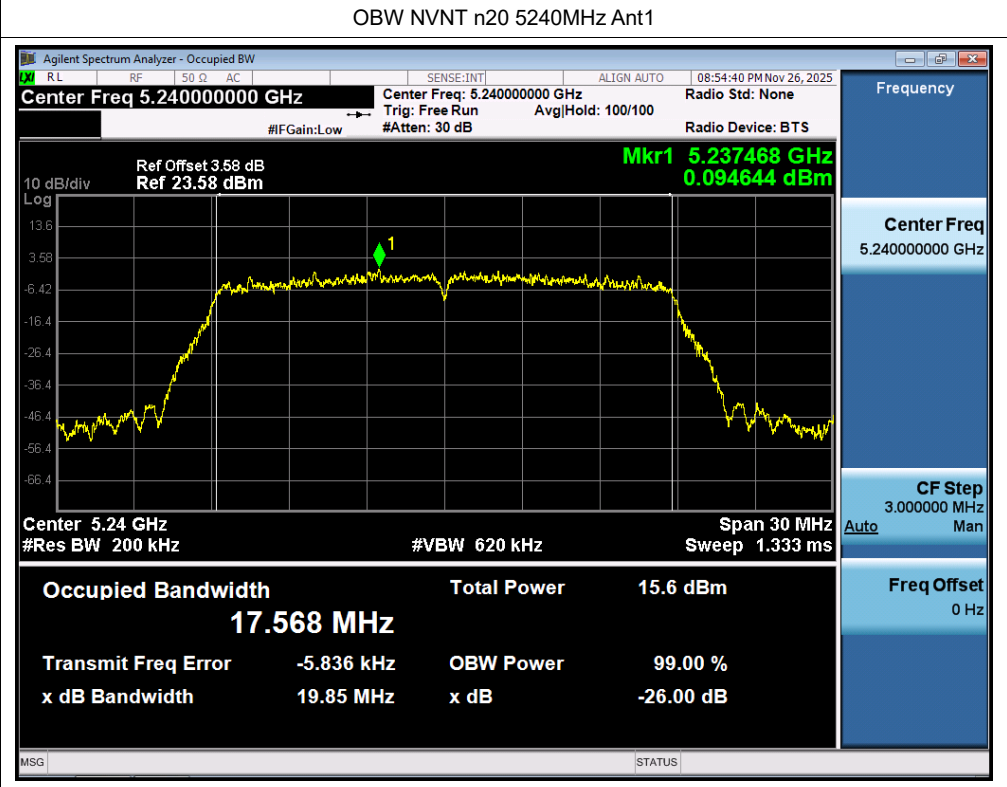
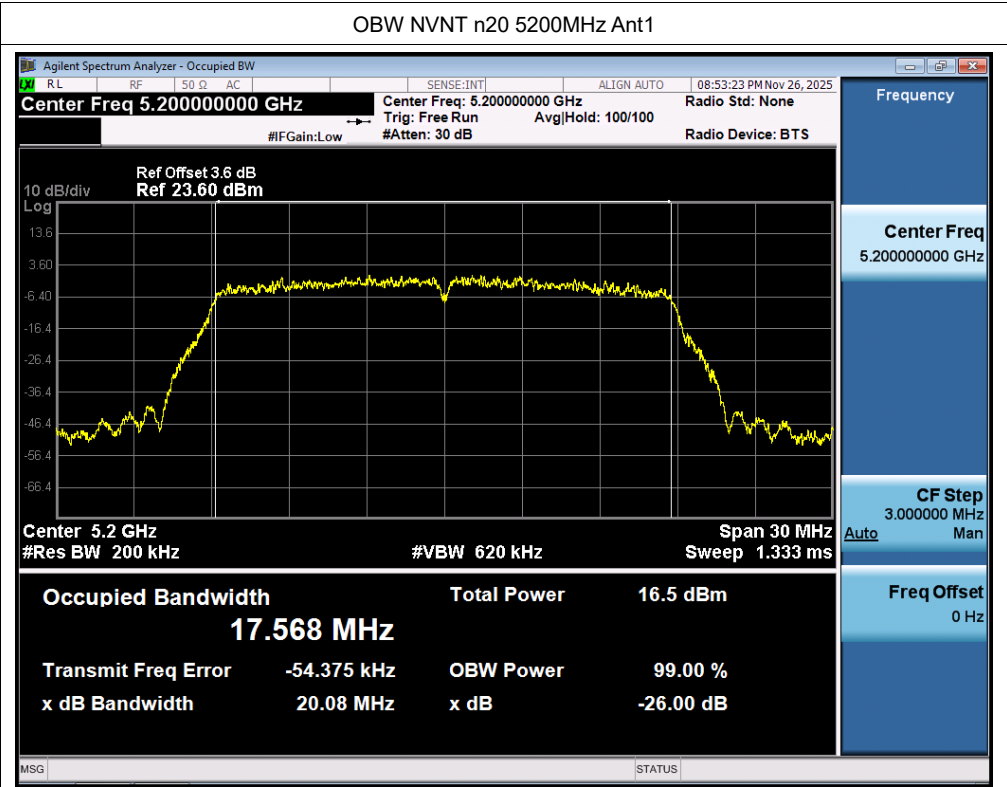


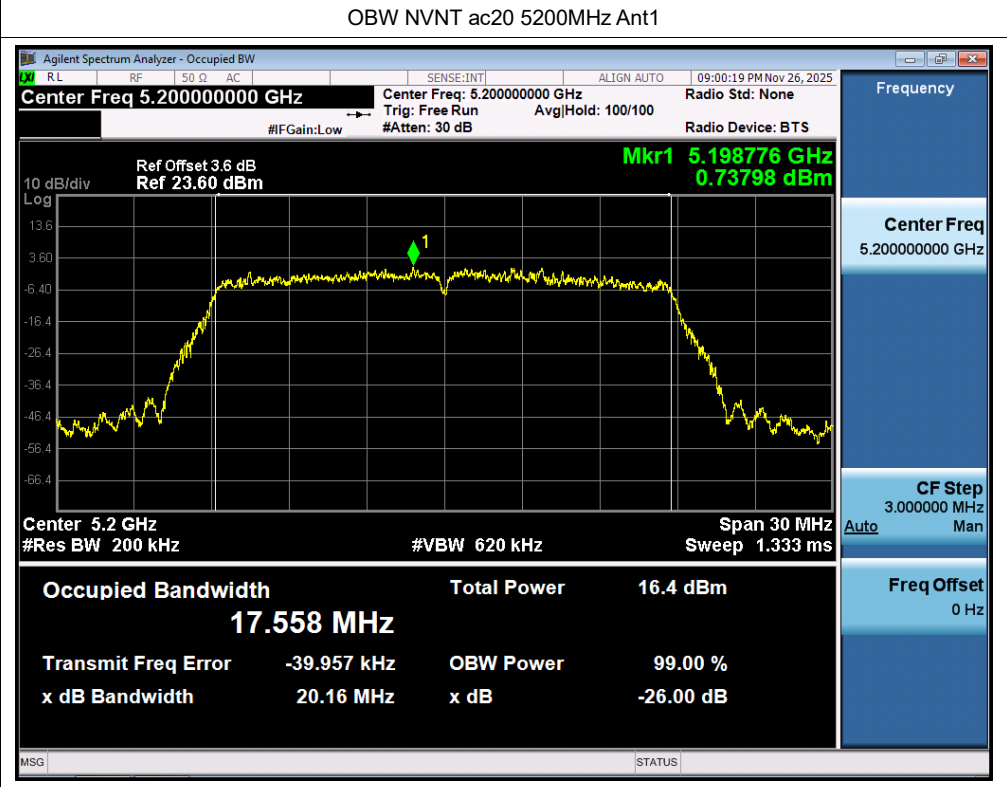
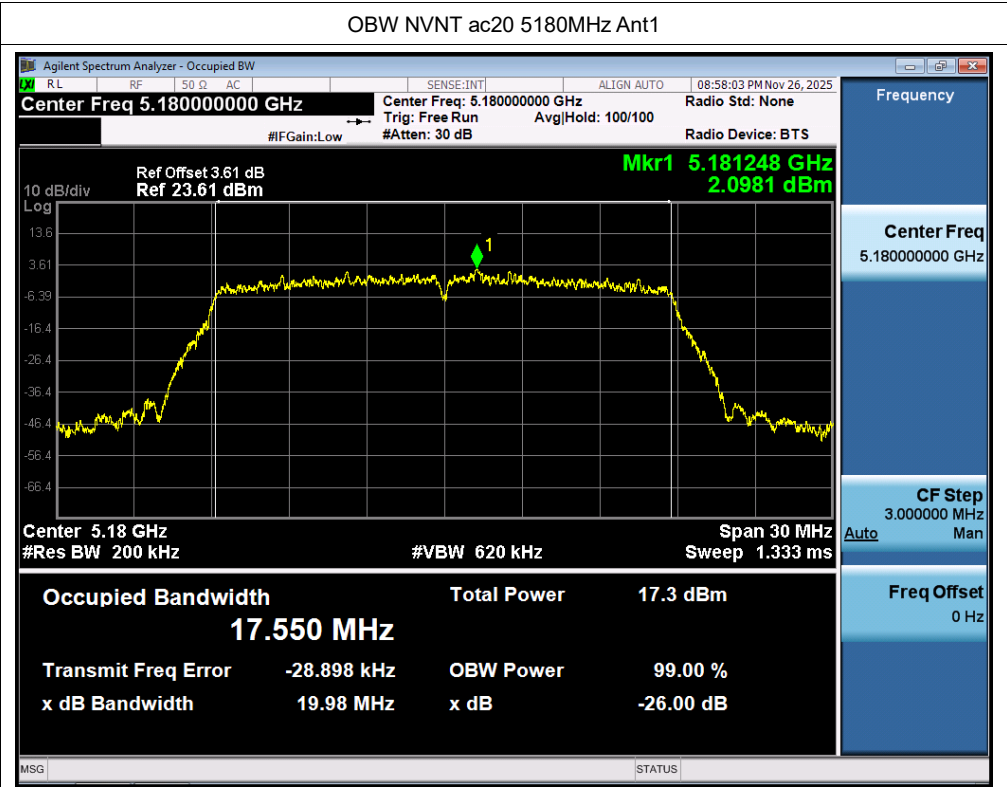
Occupied Channel Bandwidth

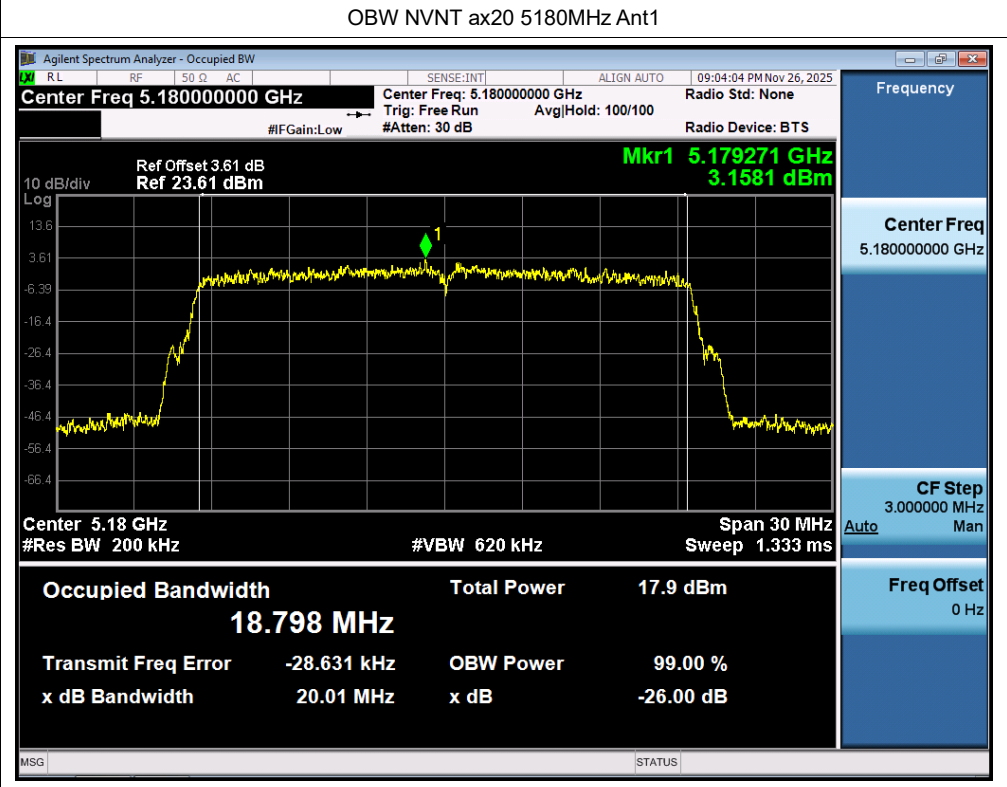
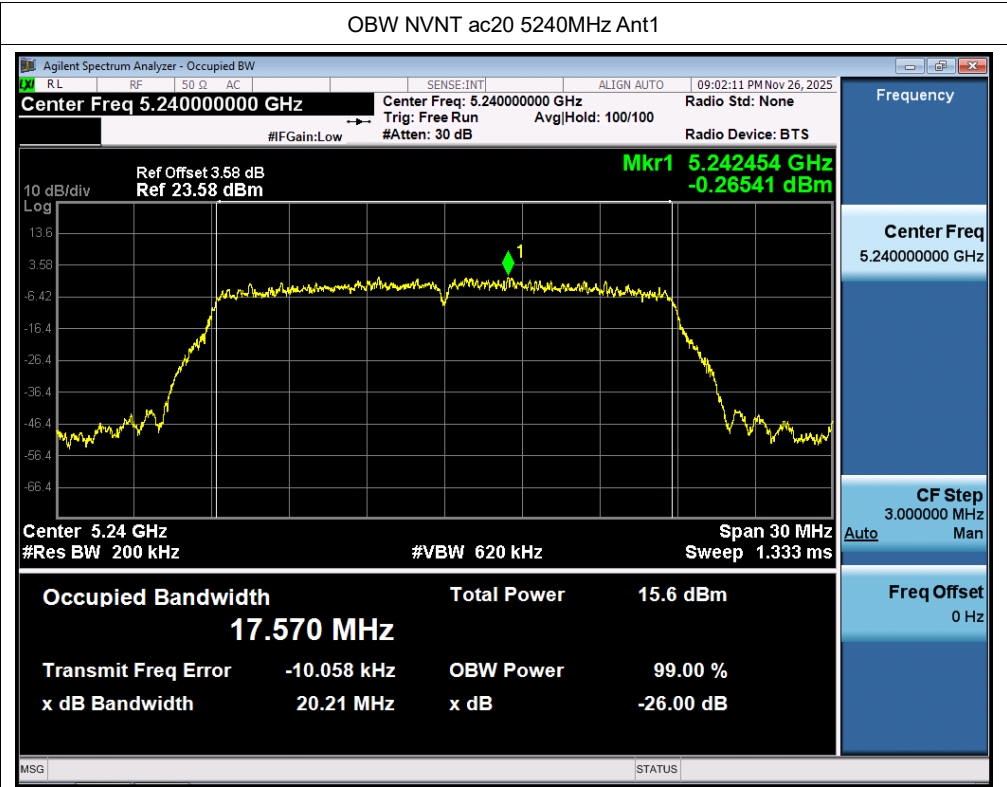
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.408
		5200		16.444
		5240		16.414
	n20	5180		17.556
		5200		17.568
		5240		17.568
	ac20	5180		17.55
		5200		17.558
		5240		17.57
	ax20	5180		18.798
		5200		18.812
		5240		18.783

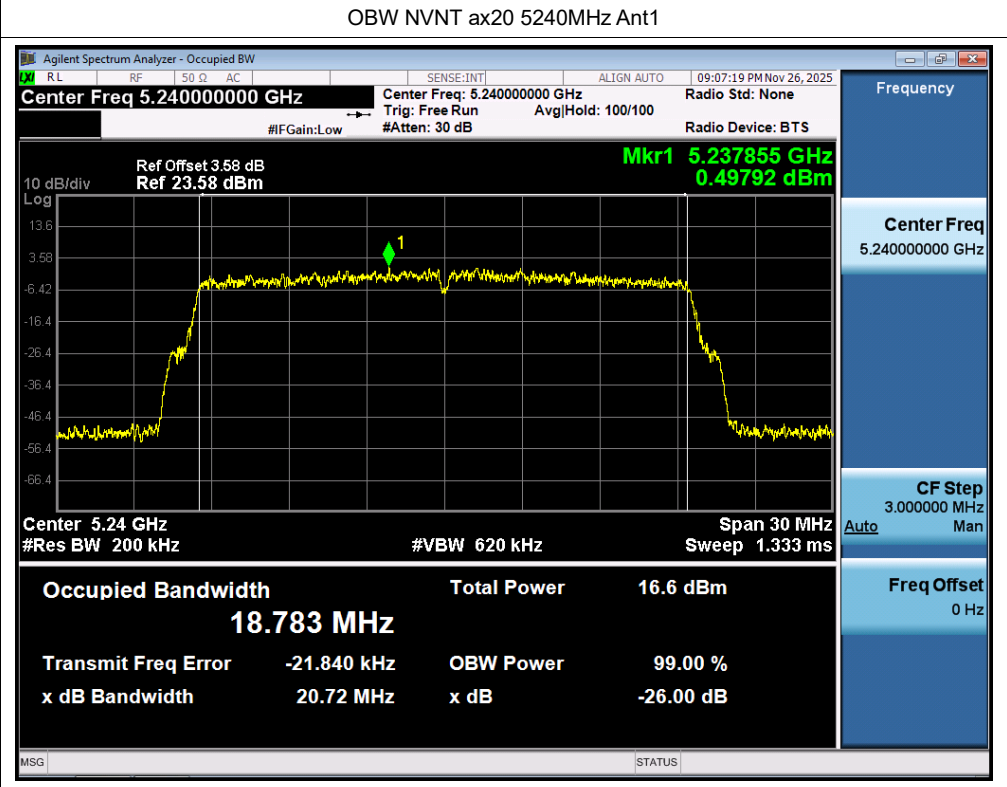
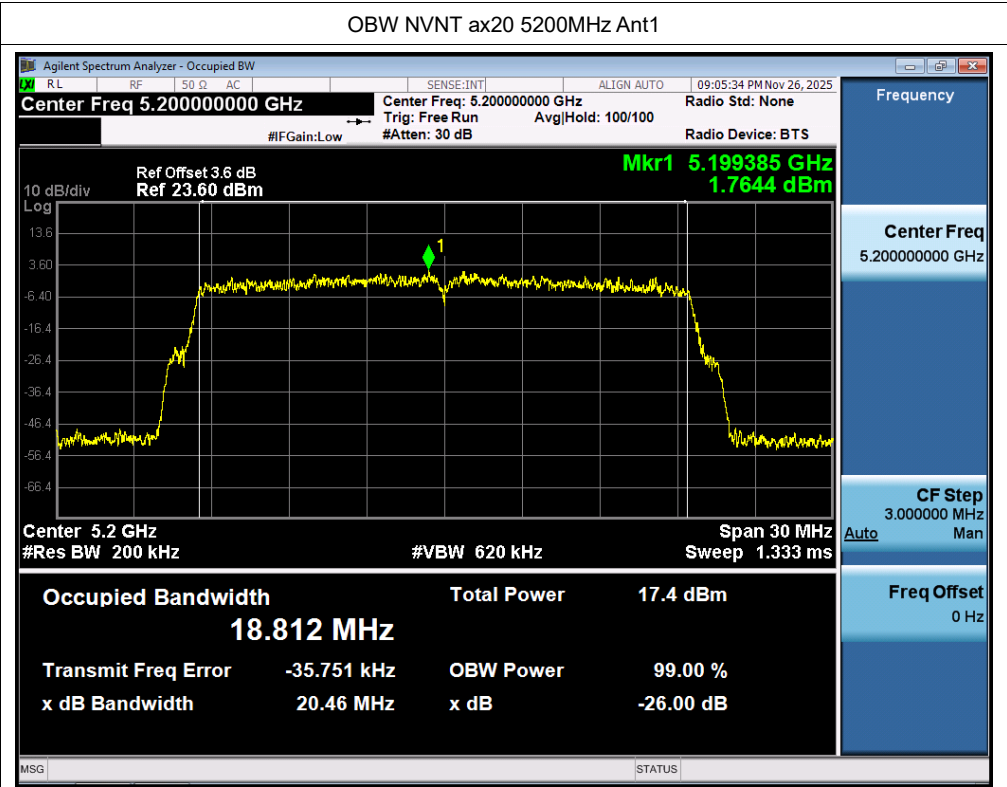












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Antenna Gain(dBi)	EIRP PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.27	3.42	6.69	10	Pass
NVNT	a	5200	Ant1	3.04	3.42	6.46	10	Pass
NVNT	a	5240	Ant1	1.59	3.42	5.01	10	Pass
NVNT	n20	5180	Ant1	0.68	3.42	4.1	10	Pass
NVNT	n20	5200	Ant1	0.92	3.42	4.34	10	Pass
NVNT	n20	5240	Ant1	0.3	3.42	3.72	10	Pass
NVNT	ac20	5180	Ant1	1.78	3.42	5.2	10	Pass
NVNT	ac20	5200	Ant1	0.3	3.42	3.72	10	Pass
NVNT	ac20	5240	Ant1	0.06	3.42	3.48	10	Pass
NVNT	ax20	5180	Ant1	0.82	3.42	4.24	10	Pass
NVNT	ax20	5200	Ant1	0.32	3.42	3.74	10	Pass
NVNT	ax20	5240	Ant1	-0.11	3.42	3.31	10	Pass

Note: EIRP= Output PSD+Antenna Gain, Antenna Gain=3.42 dBi.

Test Graphs

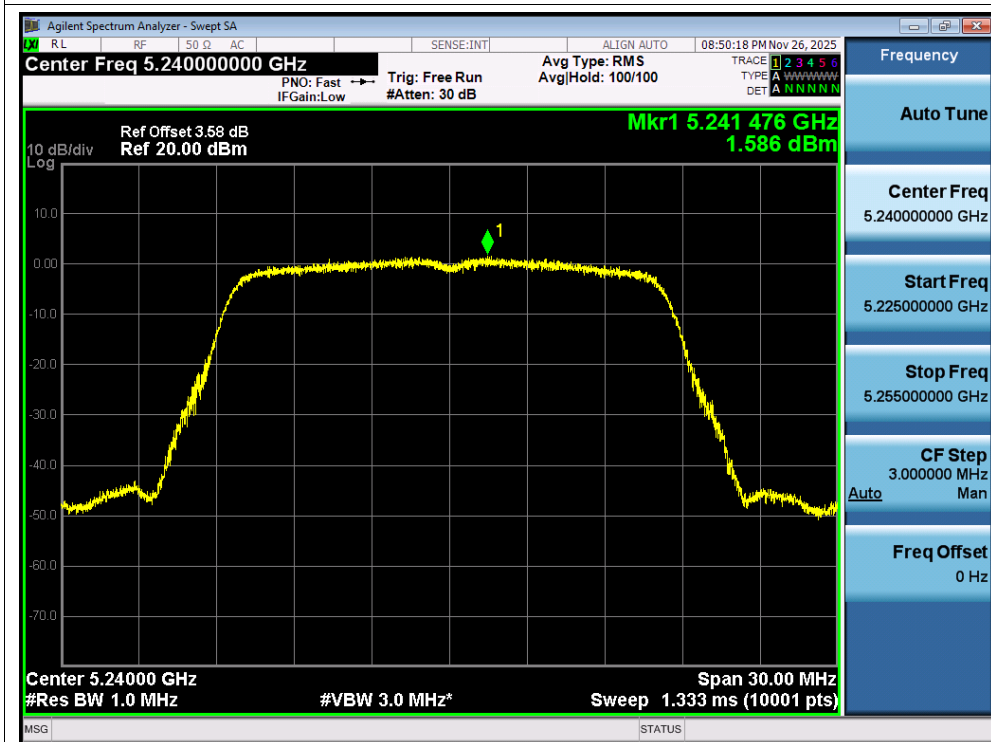
PSD NVNT a 5180MHz Ant1



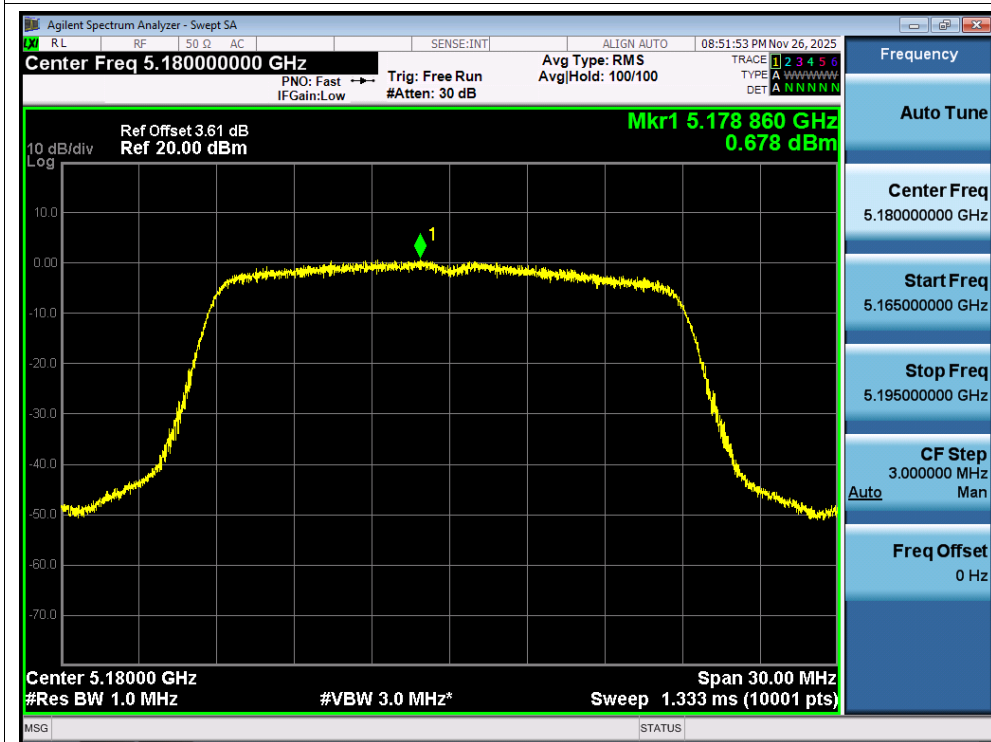
PSD NVNT a 5200MHz Ant1

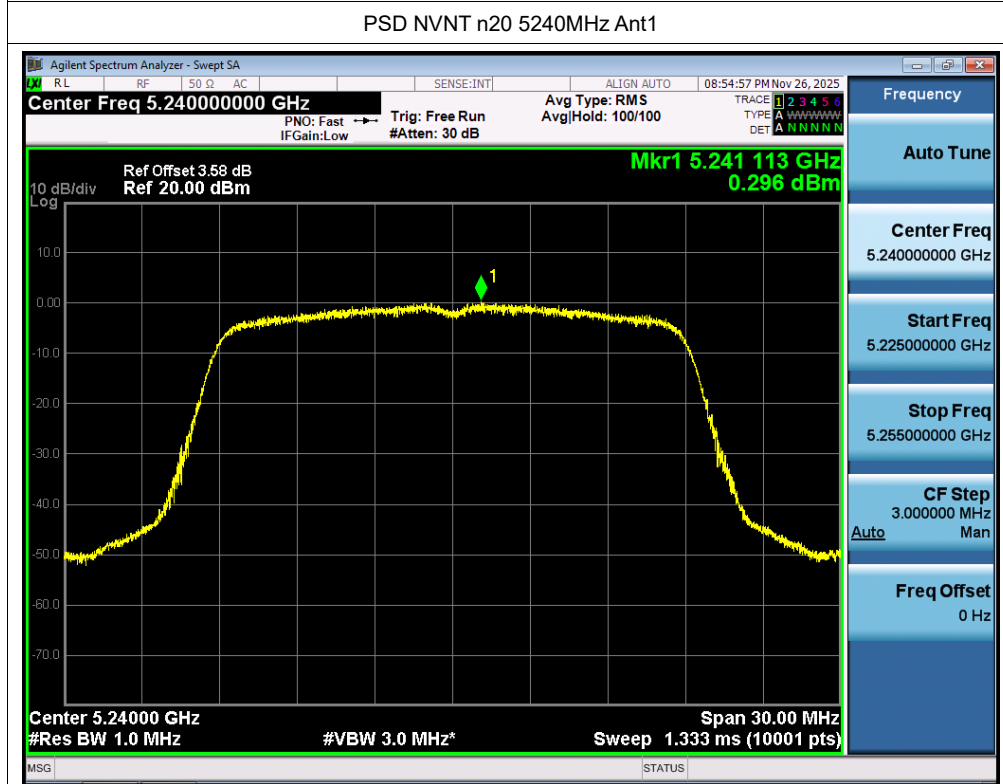
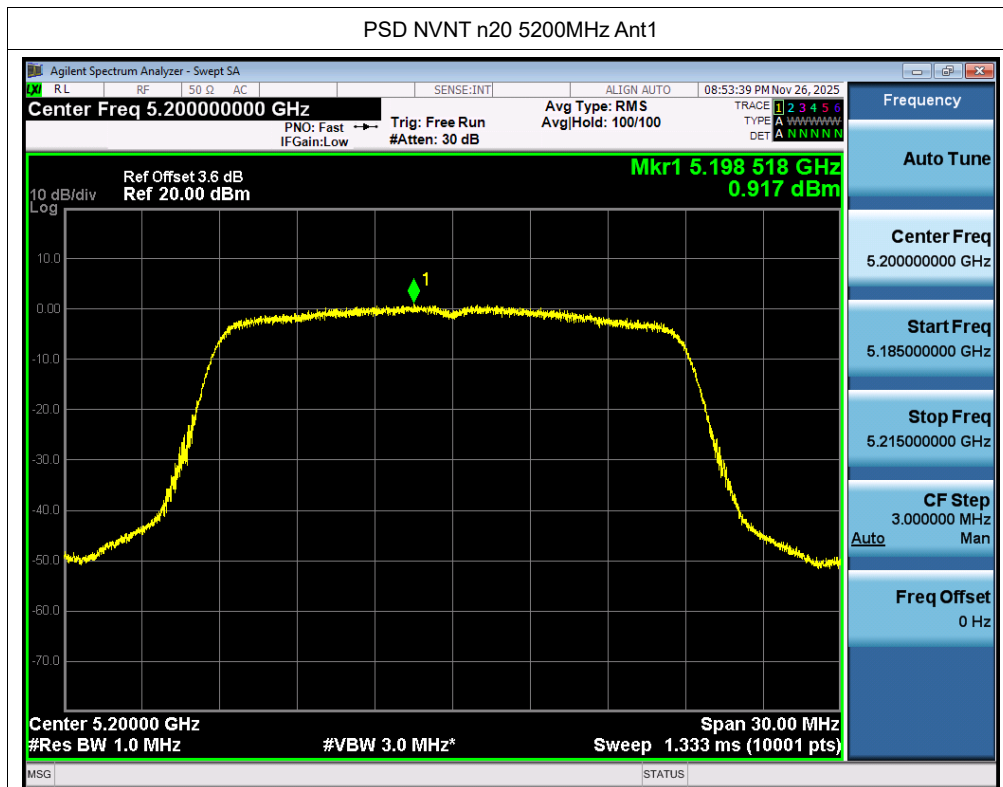


PSD NVNT a 5240MHz Ant1

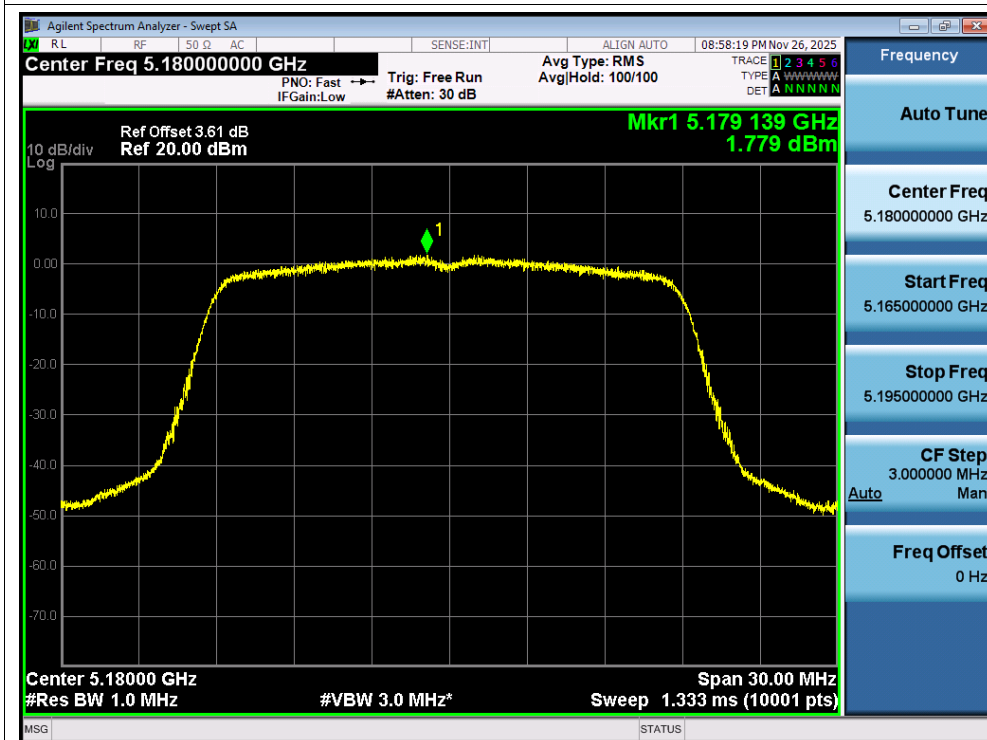


PSD NVNT n20 5180MHz Ant1

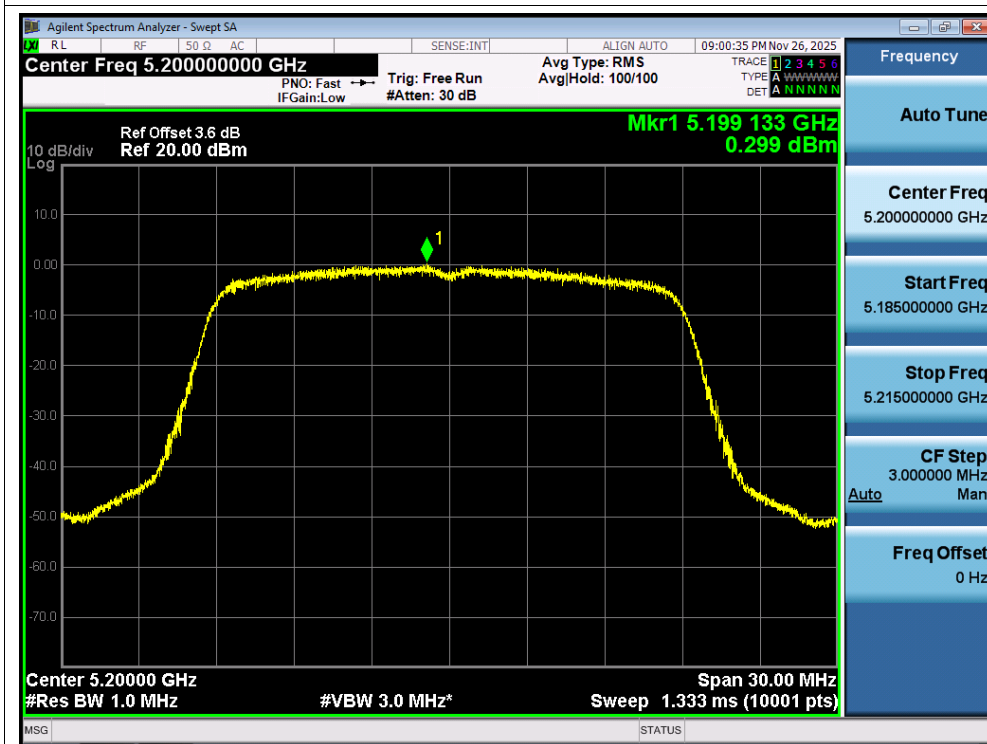




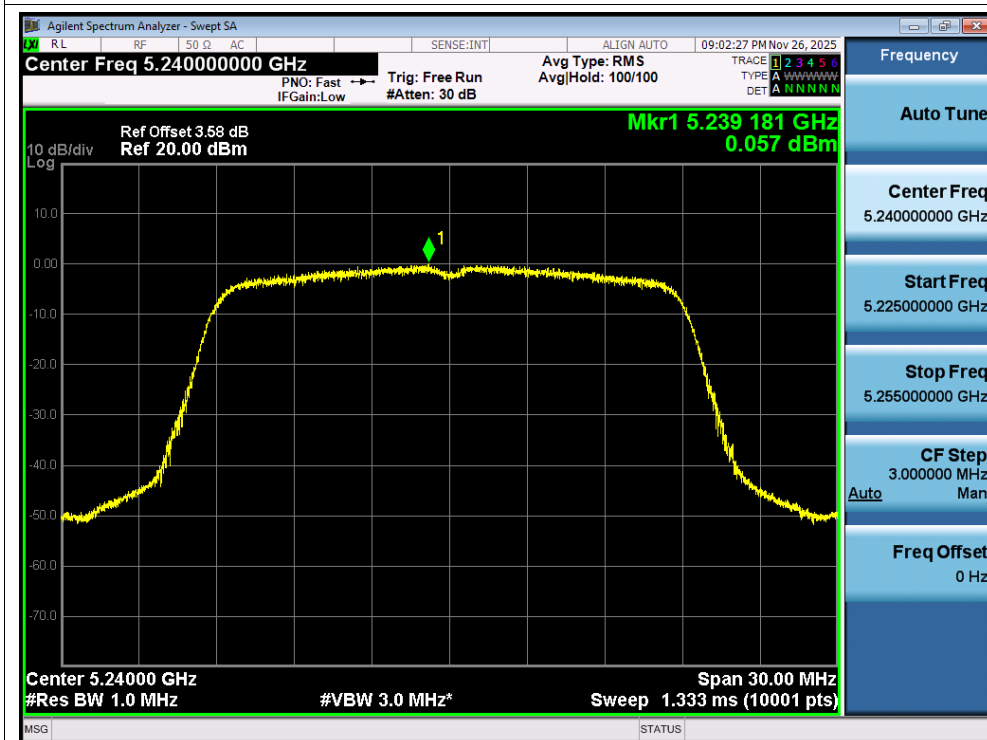
PSD NVNT ac20 5180MHz Ant1



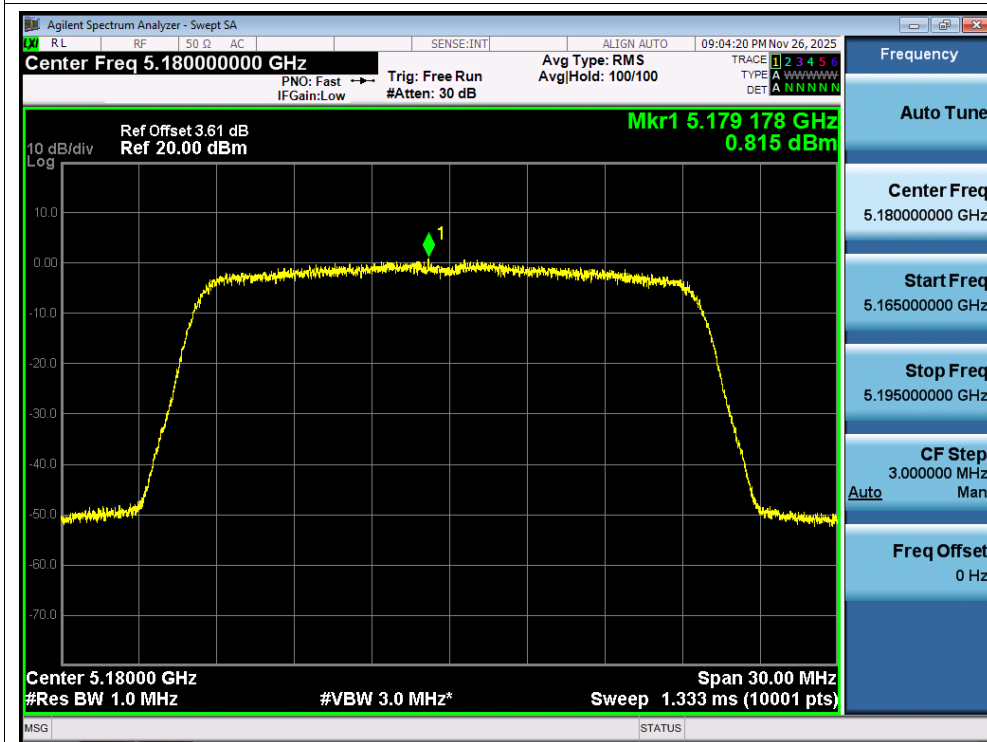
PSD NVNT ac20 5200MHz Ant1



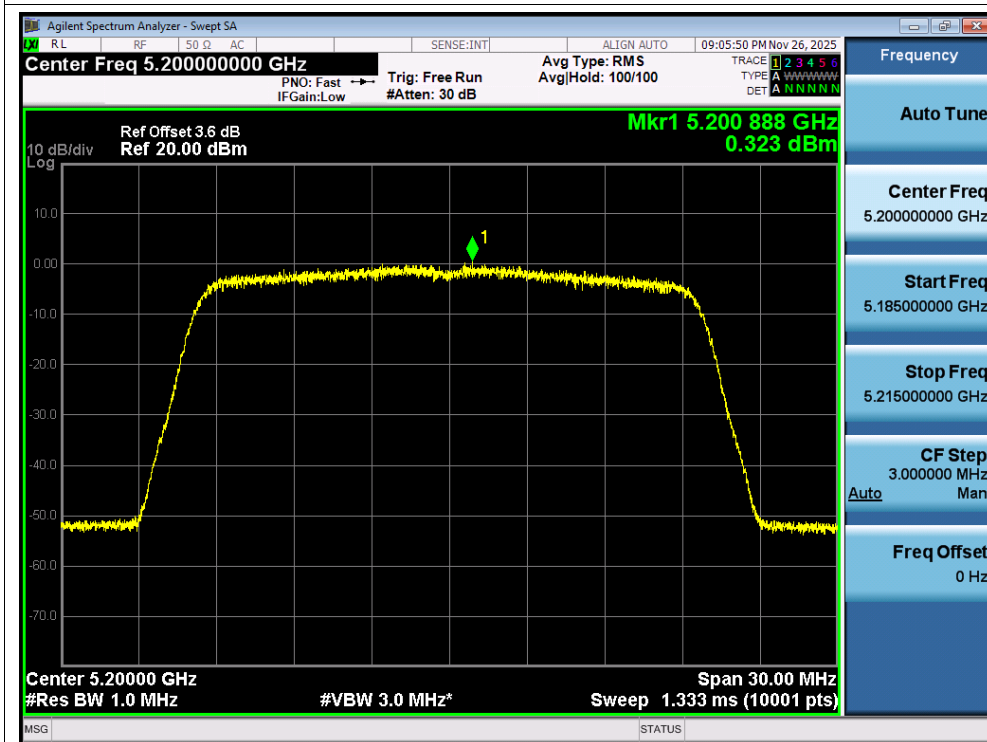
PSD NVNT ac20 5240MHz Ant1



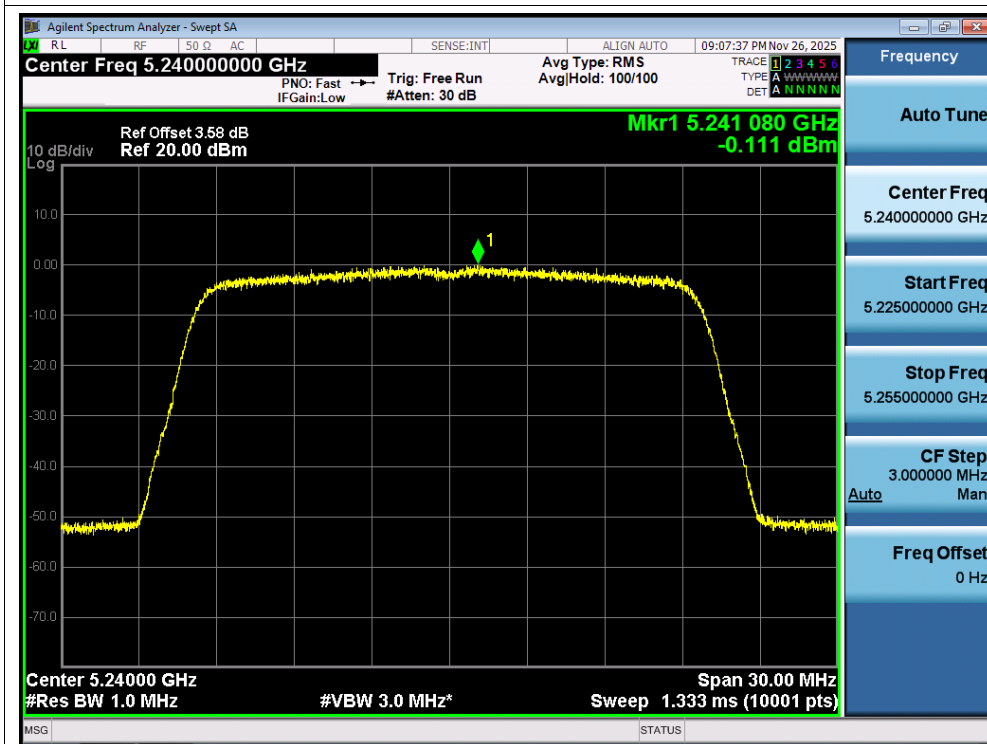
PSD NVNT ax20 5180MHz Ant1



PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5240MHz Ant1

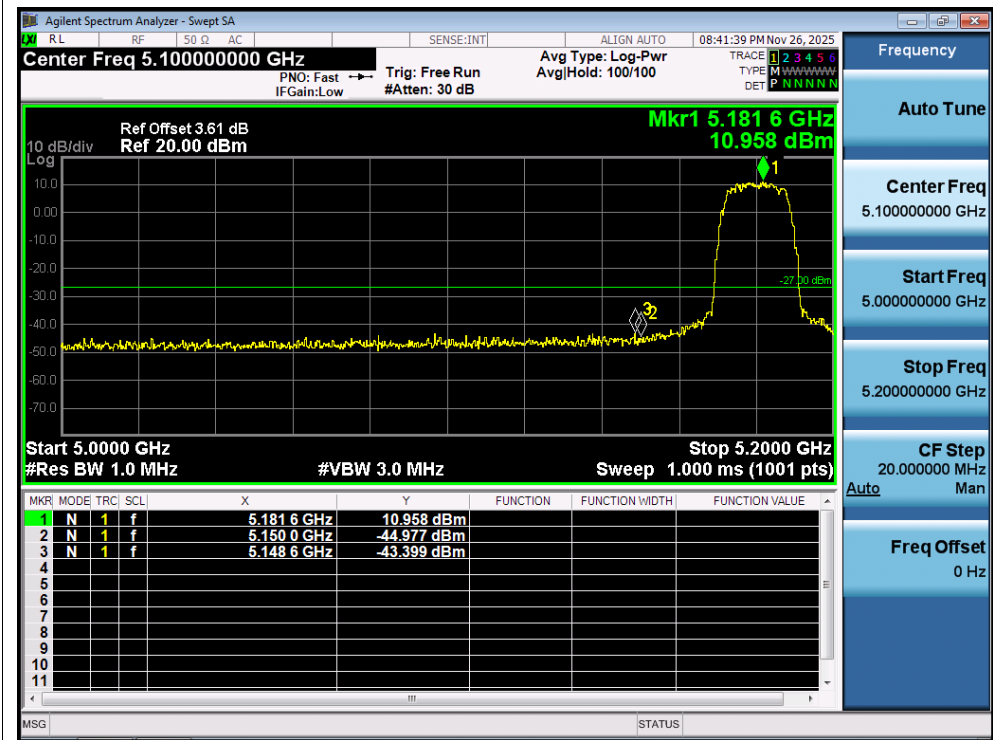


Band Edge

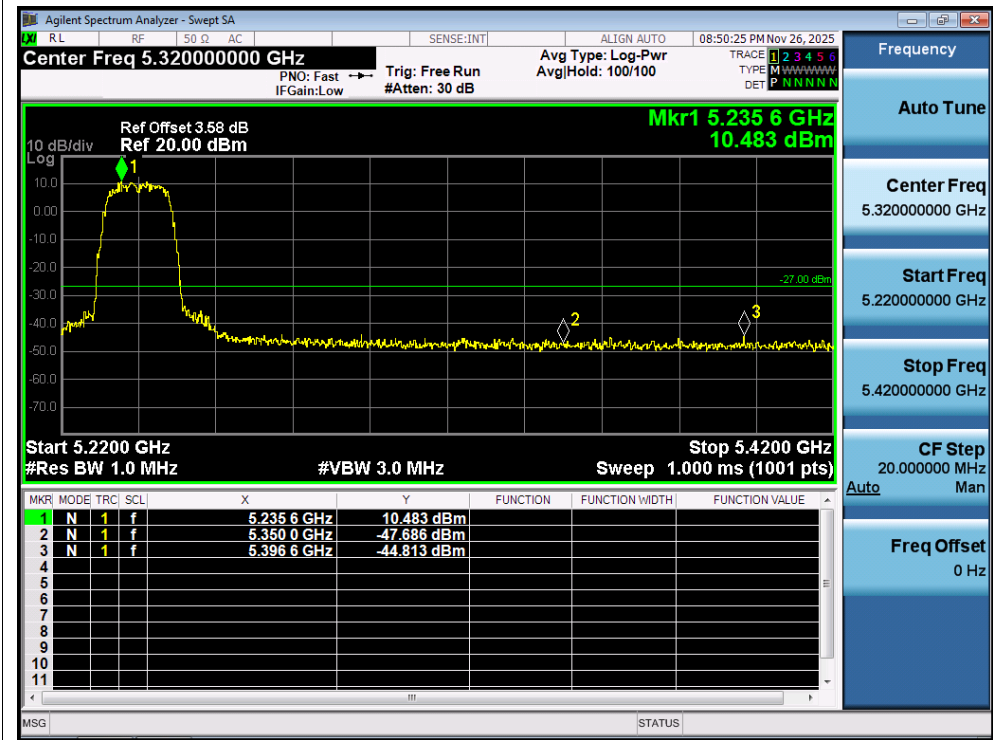
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-43.39	-27	Pass
		5240		-44.81	-27	Pass
	n20	5180		-44.31	-27	Pass
		5240		-44.67	-27	Pass
	ac20	5180		-44.3	-27	Pass
		5240		-45.36	-27	Pass
	ax20	5180		-44.22	-27	Pass
		5240		-44.98	-27	Pass

Test Graphs

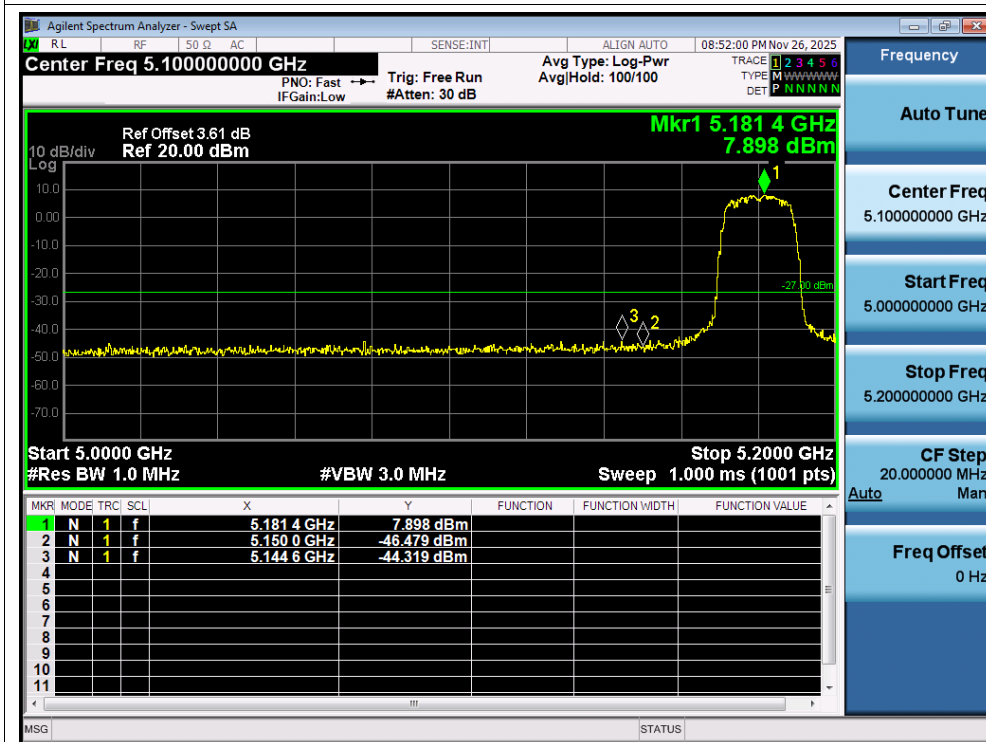
Band Edge NVNT a 5180MHz Low Ant1



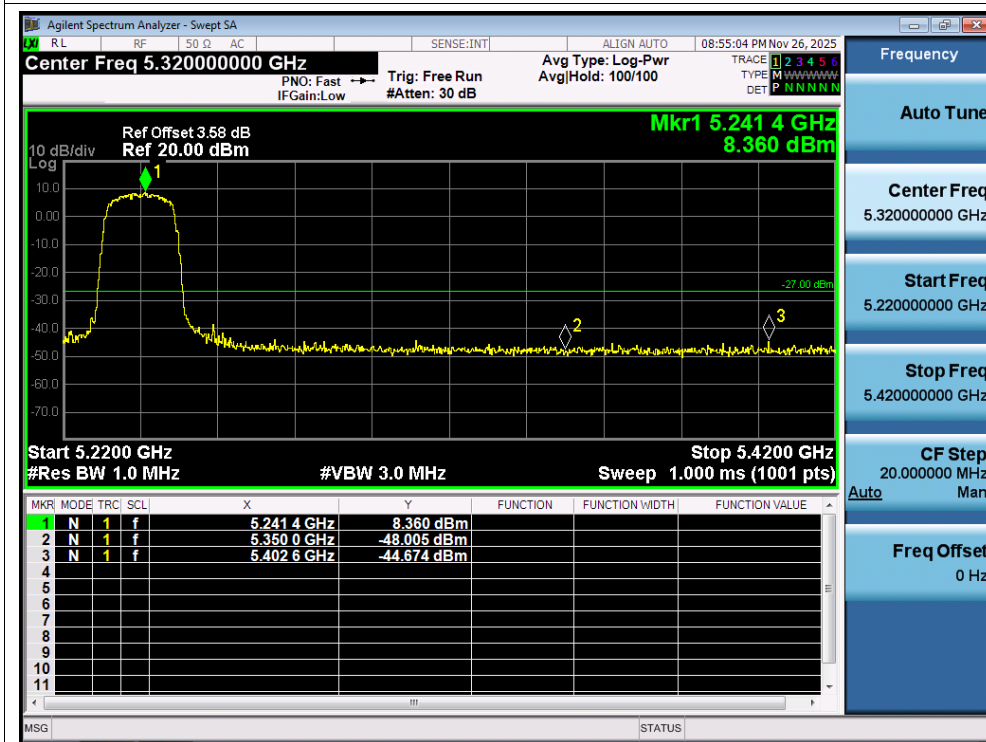
Band Edge NVNT a 5240MHz High Ant1



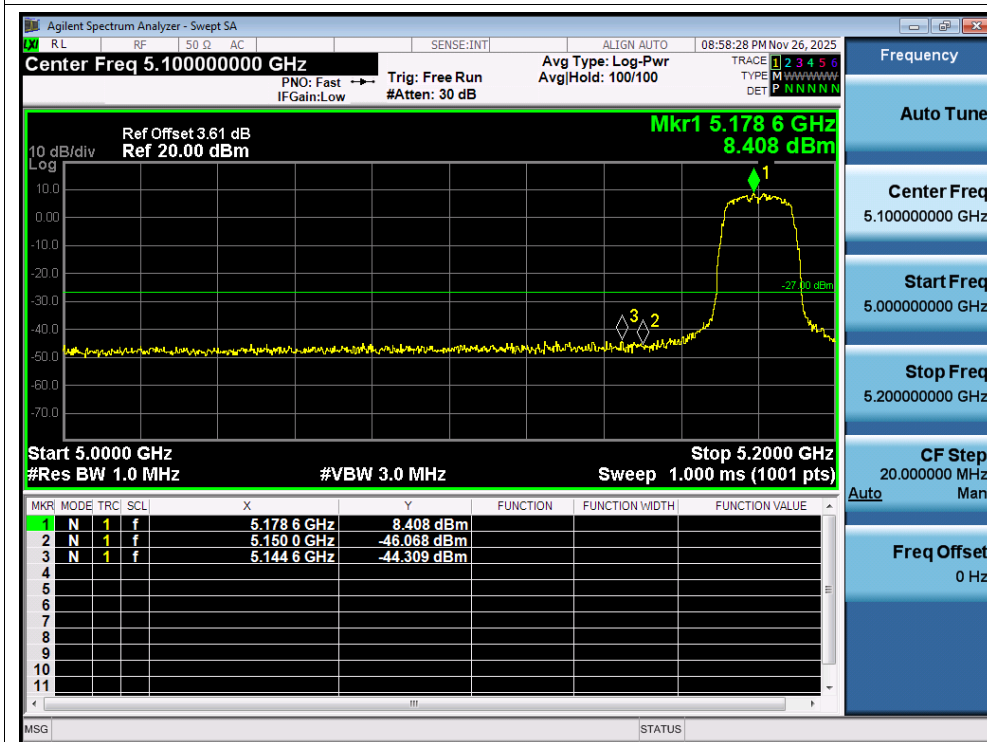
Band Edge NVNT n20 5180MHz Low Ant1



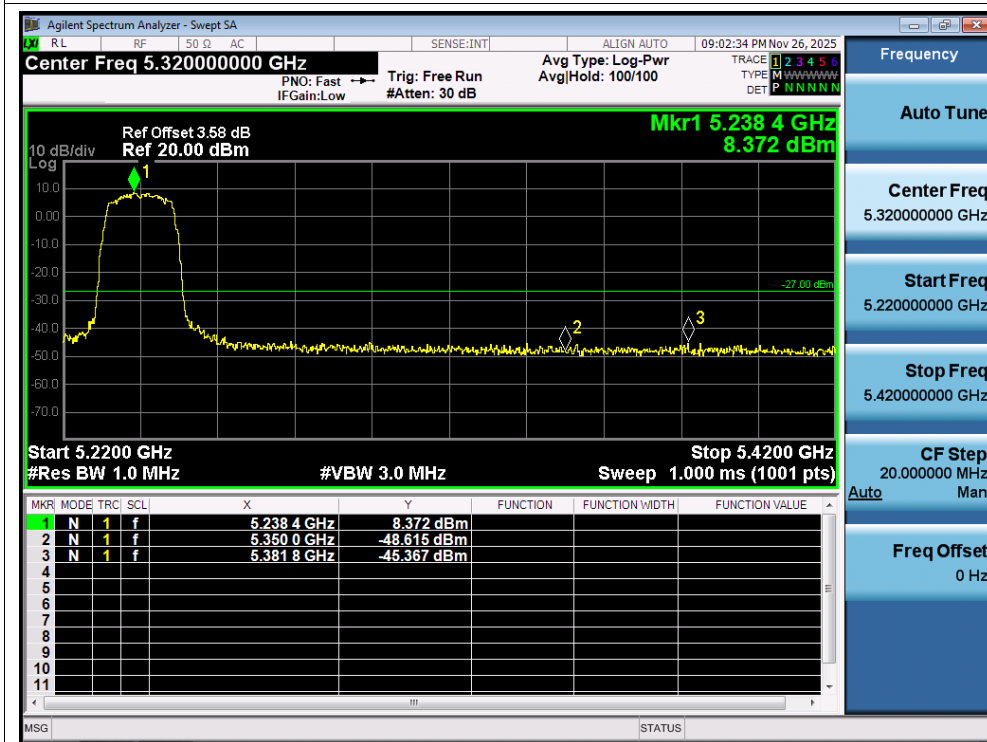
Band Edge NVNT n20 5240MHz High Ant1

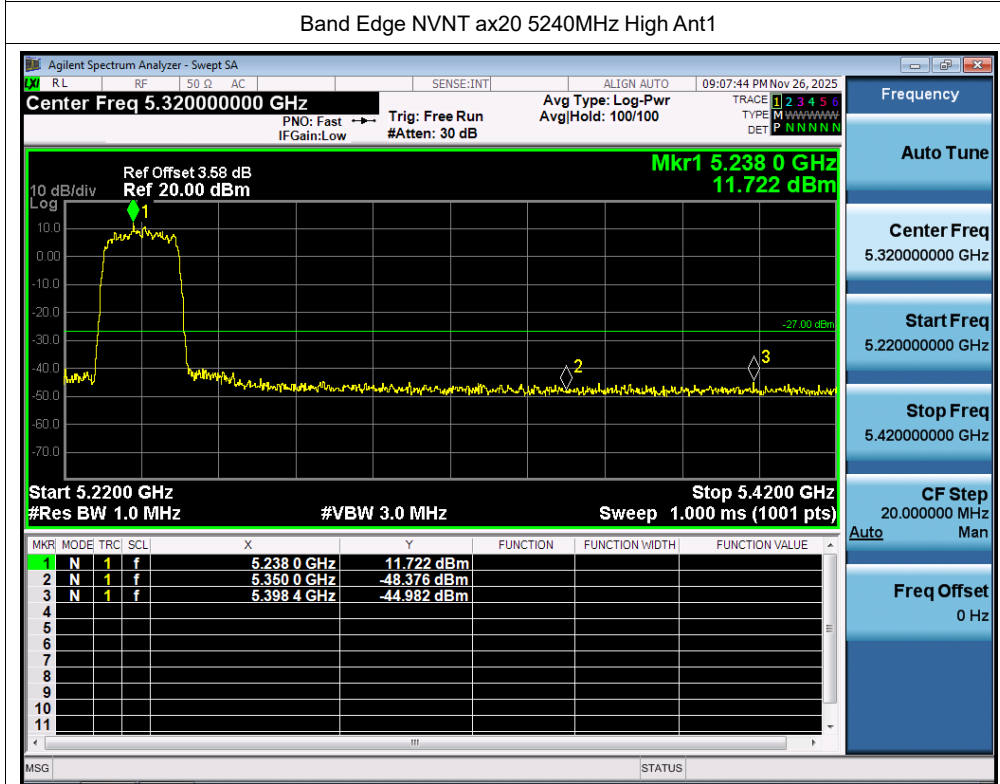
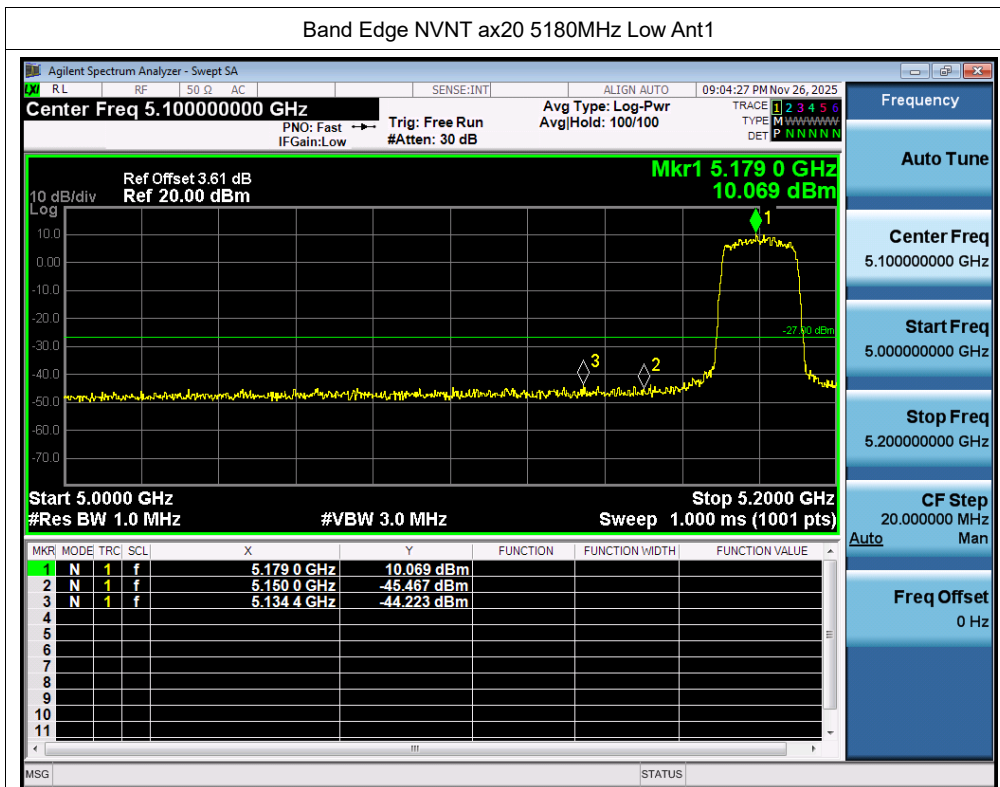


Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1



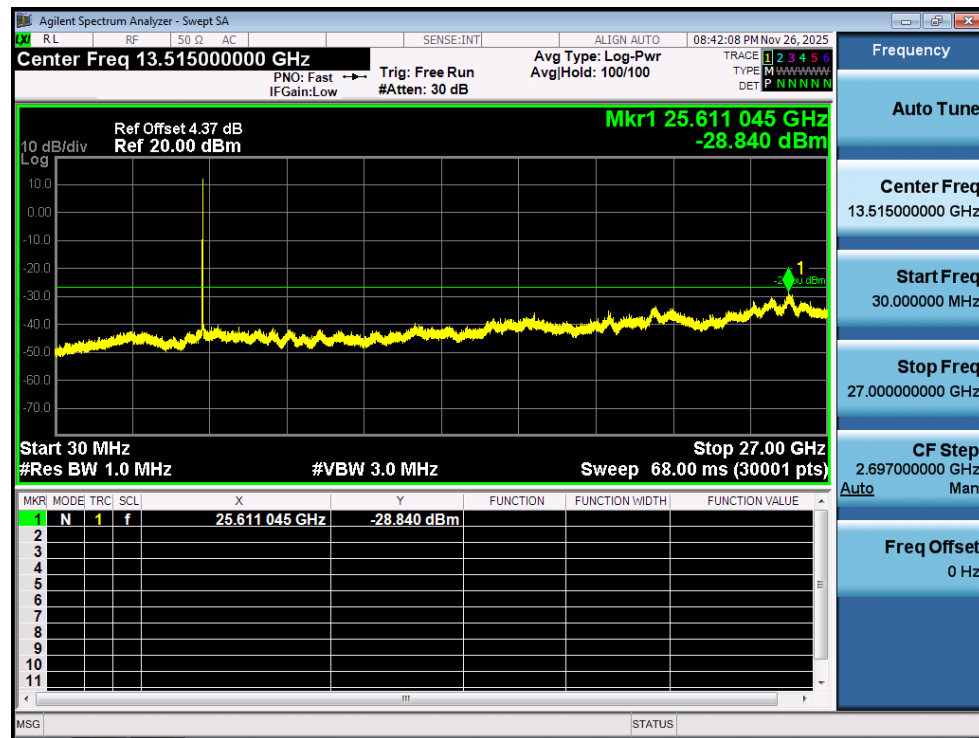


Conducted RF Spurious Emission

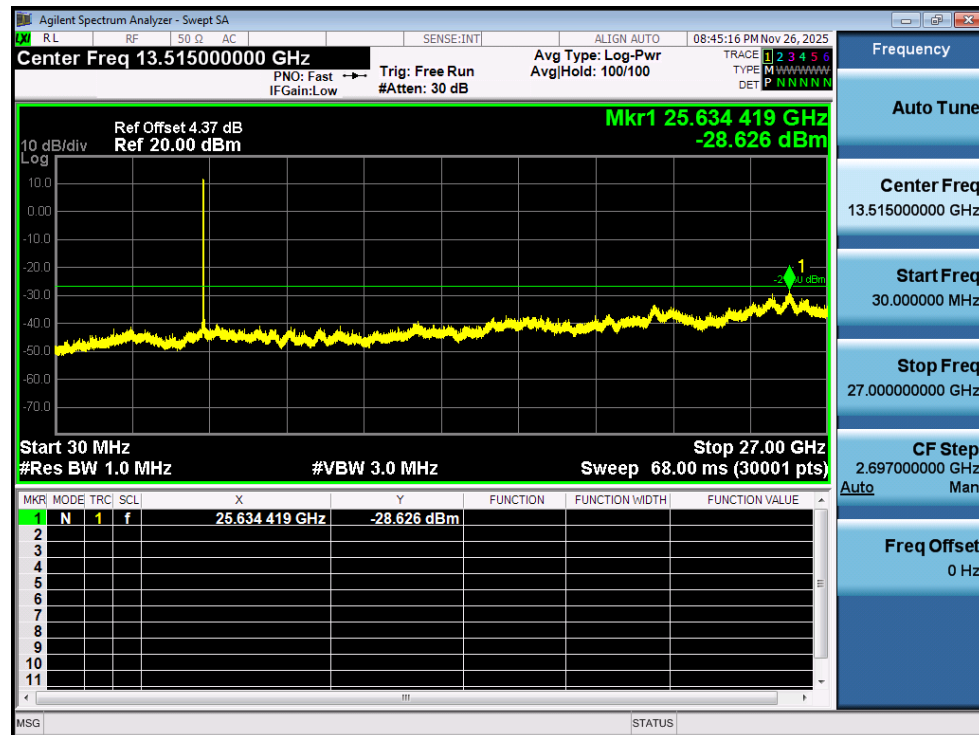
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-28.84	-27	Pass
		5200		-28.62	-27	Pass
		5240		-29.38	-27	Pass
	n20	5180		-28.75	-27	Pass
		5200		-29.9	-27	Pass
		5240		-29.46	-27	Pass
	ac20	5180		-29.41	-27	Pass
		5200		-29.18	-27	Pass
		5240		-28.75	-27	Pass
	ax20	5180		-29.42	-27	Pass
		5200		-28.47	-27	Pass
		5240		-29.33	-27	Pass

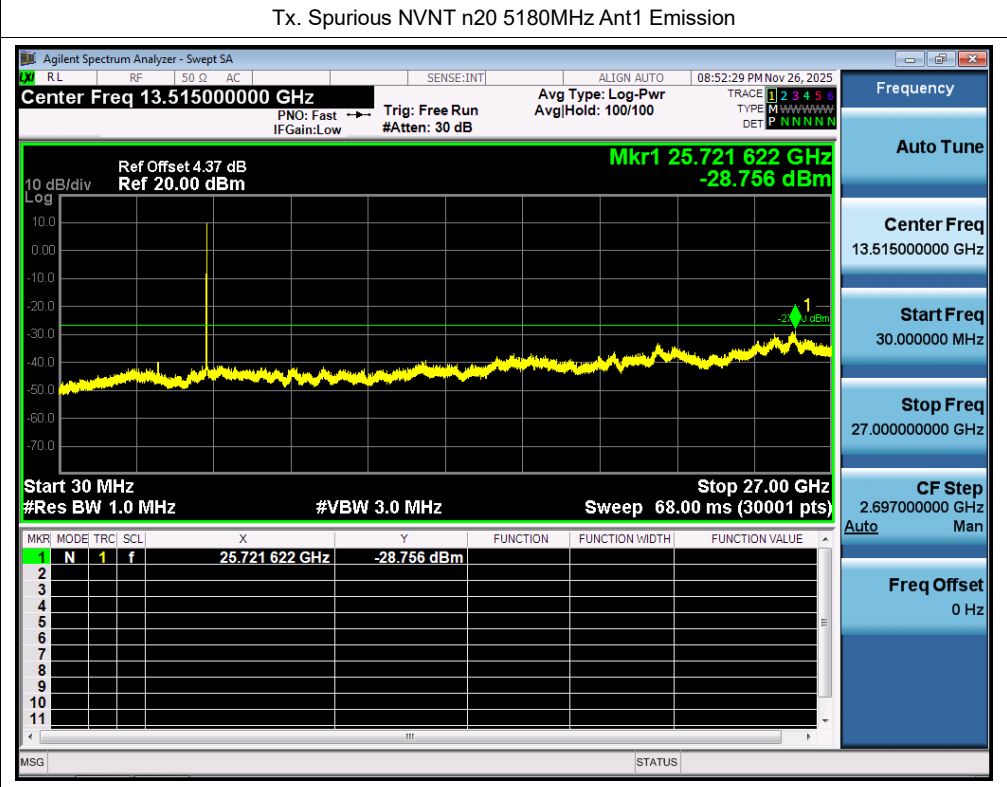
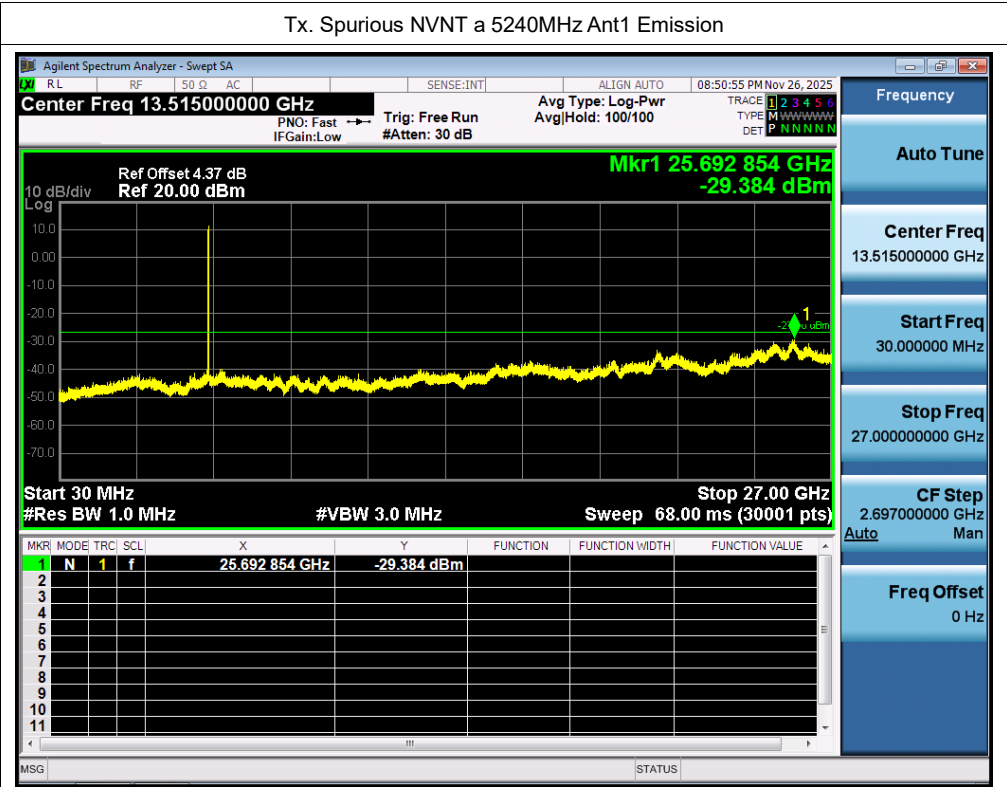
Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission

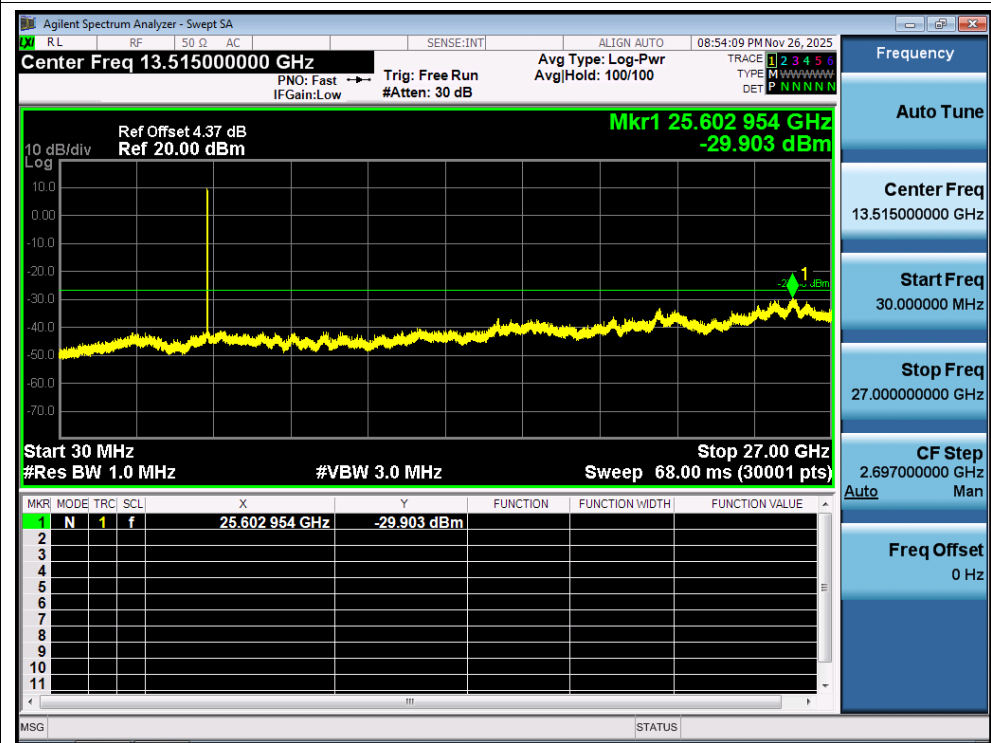


Tx. Spurious NVNT a 5200MHz Ant1 Emission

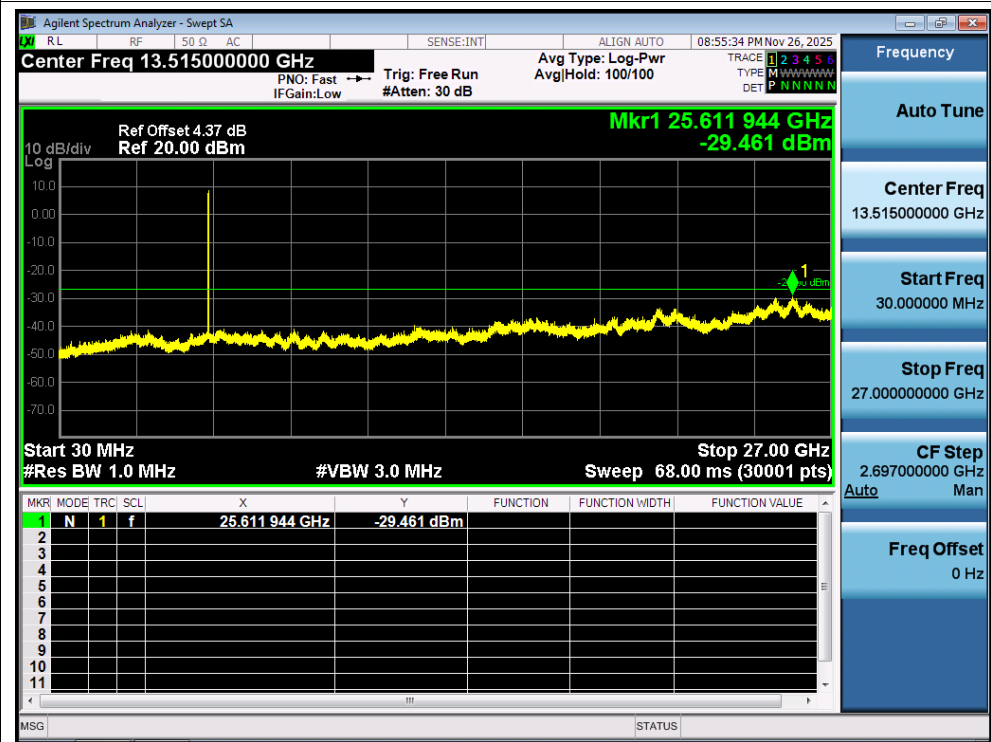




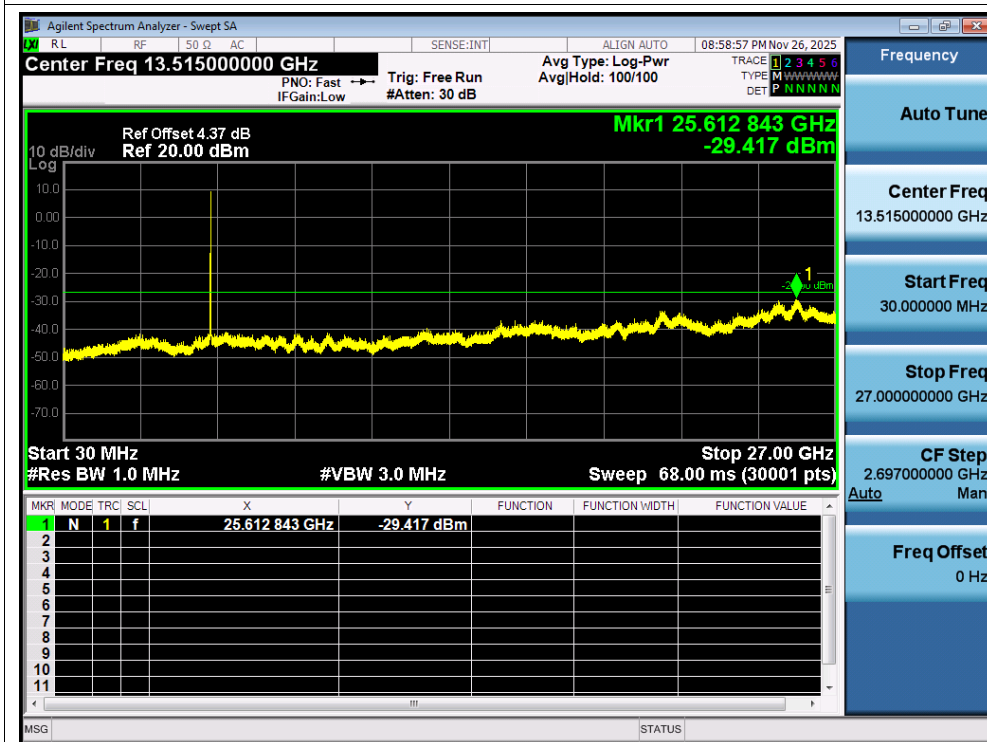
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

